

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

API NO. 15-199-20,107-0000
County Wallace
SW SW SW Sec 31 Twp 14S Rge 42 East
X West

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

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

Purchaser N/A

Lease Name Hibbert "C" Well # 1

Operator Contact Person Cory West
Phone 316-269-7655

Field Name Ladder Creek III

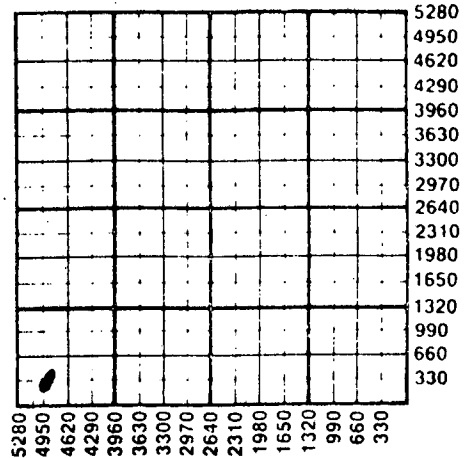
Producing Formation N/A

Contractor: License # 6033
Name Murfin Drilling Company

Elevation: Ground 3905' KB 3910'

Wellsite Geologist Bill Miller
Phone 316-269-7600

Section Plat



APPLICATION IS BEING MADE AT THIS TIME TO MAKE

Designate Type of Completion THIS INTO AN INJECTION WELL

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

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

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
8-31-87 9-8-87 09-21-87
Spud Date Date Reached TD Completion Date
5300' 5285'
Total Depth PBSD 8-5/8" @ 681'
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
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: Hauled.
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 Doug Clark
Title District Geologist Date 10/27/87

Subscribed and sworn to before me this 27th day of October 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 Time Log Received
RECEIVED Distribution
STATE CORPORATION COMMISSION
10-28-87
OCT 28 1987
NGPA
Other (Specify)

NANCY K. LAY
1/30/88

Sec. 31 Twp. 14 Rge. 42

Operator Name TXO Production Corp. Lease Name Hibbert "C" Well # 1

Sec. 31 Twp. 14S Rge. 42 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
Morrow SH	5075	-1165
Stockholm SS	5180	-1270
Morrow LS	5209	-1299
Mississippi	5236	-1326

CASING RECORD New 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#	681	Class A Lite	150	3% CaCl ₂ , 2% gel 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
4	5183-95' Morrow Sand	7-1/2% acetic acid 250 gals	

TUBING RECORD Size 2-3/8" Set At 5246' Packer at Yes No
 Liner Run Yes No

Date of First Production 9-21-87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	0 Bbls	MCF	232.54 Bbls		CFPB

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5183-85' Morrow Sand
 Used on Lease Dually Completed Commingled

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
8 31 87

CONTRACT NO. 281787

15.199.20107.0000

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 NO.:

ADDRESS:

CITY: STATE: ZIP CODE:

AUTHORIZED BY: Gerald Veck

DESCRIPTION OF WELL

WELL NO. C-1 OIL / GAS: NEW / OLD: STATE: KS CODES:

LEASE NAME: Hibbert COUNTY/PARISH: Wallace

FIELD NAME: CITY:

OWNER: Martin #20 MTA DISTRICT:

LEASE LINES:

SURVEY LINES: Ken-Larry & Sam

SURVEY:

DIRECTIONS TO LOCATION: Waskam 4W-55-34W

SECTION, TOWNSHIP, RANGE: 31-14-42W

QUADRANT:

JOB INFORMATION

ARRIVED						RELEASED					
HH	MM	A	MM	DD	YY	HH	MM	A	MM	DD	YY
10	30	P	8	31	87	1	00	P	9	2	87
JOB CODE:	TYPE OF JOB: Surface					APL OR IC NO.:					
AVG. PSI:	BUSINESS CODE:	INJ. RATE (BPM):			WORKING WELL DEPTH: 681 FT.						

DIST. NO. 3320	DISTRICT NAME: Oakley KS	SLSMAN 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: *[Signature]* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10.10.03.05	Price to 300 ft	ea	1	375 00	375 00
02 10.10.03.10	Price 300 ft to 200 681 ft	ea	380	42	760 00
03 10.10.90.05	PTM (7) Oakley	KT	144	110	158 40
04 10.43.10.36	8 5/8 Wood Plug	ea	1	50 00	50 00
05 10.41.05.04	Common	sk	150	6 00	900 00
06 10.41.50.05	BJ Lite	sk	150	5 56	834 00
07 10.41.50.48	Call	sk	10.24	25 75	263 68
08 10.42.01.45	Gravel	cut	2.82	6 75	19 04
09 10.88.00.85	Dryuse	sk	300	95	285 00
10 10.94.01.01	Per Ton Milk 14.2 Tons	TM	1022.4	70	715 68
11 10.43.30.53	8 5/8 Centralizers	ea	2	58 50	117 00
12 10.43.30.46	8 5/8 Buckets	RECEIVED		171 00	392 00
13 10.43.30.83	8 5/8 butyl Plate	STATE CORPORATION COMMISSION		56 70	56 70
14		OCT 28 1987			4526 50
15	20% Discount				865 30
16		CONSERVATION DIVISION Wichita, Kansas			3467 20

SERVICE REPRESENTATIVE: *[Signature]* PR. BOOK: 7

The above material and service ordered by the Customer and received by: *[Signature]* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BJ-TITAN SERVICES

CEMENTING LOG

STAGE NO.

15-199-20107-0000

P.O. BOX 4442 HOUSTON, TX 77210

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Common
 Amt. 32CC 2% Gel Excess _____

Amt. 150 Skys Yield 1.344 ft³/sk Density 15.1 PPG
 TAIL: Pump Time _____ hrs. Type Lite 32CC
 Excess _____

Amt. 150 Skys Yield 1.84 ft³/sk Density 12.7 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used Ct-37
 Bulk Equip. T-38 & B-14

Float Equip: Manufacturer _____
 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

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 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. _____

Date 8-31-87 District 2478 Oakley Ticket No. 281787
 Company TXO Rig Mudm #20
 Lease Hibbert Well No. C-1
 County Wallace State KS
 Location Weskan 4W-5S-74W Field _____

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

Casing Depths: Top _____ Bottom _____

COMPANY REPRESENTATIVE _____ CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per. Time Period	
11:30 pm						On Location & Setup
10:30 pm						Run Float Equipment
11:30 pm	9-1-87					Wait on Lost Circulation Displacement 40 3/4 Bbls Mix 150 sks Common 32CC 2% Gel Displace plug down to bit Plug Down
12 am	9-2-87					Mix Lite Cement Down Ann
1:00 am	9-2-87					Job Finished @

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CONSERVATION DIVISION
 Wichita, Kansas

[Signature]
[Signature]

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
9 9 87

15-199-20107-0000
CONTRACT NO. 281742

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

ORDER NO.

CUSTOMER
NAME: TXO
ADDRESS:
CITY: STATE: ZIP CODE:
AUTHORIZED BY: *Herald Veatch*

DESCRIPTION OF WELL
WELL NO: C-1
LEASE NAME: *Hilbert*
FIELD NAME: *Murphy Dug #20*
OWNER: TXO
LEASE LINES: *from dug Larry J.*
SURVEY LINES: *Help Rony + dam*
SURVEY: *Pump truck CT-37*
DIRECTIONS TO LOCATION: *Wade on 4w-65-1w*
SECTION, TOWNSHIP, RANGE: *31-14-42*
QUADRANT: *Dolinerad from Oakley, Ks (B-14)*

JOB INFORMATION
ARRIVED: 3:00 PM 9 9 87
RELEASED: 8:30 PM 9 9 87
JOB CODE: TYPE OF JOB: *Normal Strains*
AVG. PSI: 600 BUSINESS CODE: INJ. RATE (BPM): WORKING WELL DEPTH: 5299 FT.

DIST. NO: 3320 DISTRICT NAME: *Oakley, Ks* SLSMAN NO.:

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

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 1.01.003.30	Pumping charge			1075.00	1075.00
02 1.01.003.35	Plus per 100' below 5000'	Per 100'	299	12.00	35.88
03 1.01.09.005	Pump truck mileage (Oakley)	RT	144	110.00	158.40
04 1.04.1.05.04	Common	sk	150	6.00	900.00
05 1.04.2.4.005	CD-31	lb.	106	3.87	410.22
06 1.04.2.2.005	Celloflade	lb.	38	1.27	48.26
07 1.04.2.4.5.20	FP-6 Defoamer	lb.	21	2.20	46.20
08 1.04.2.8.0.4.8	KCL	cut	280	20.00	56.00
09 1.09.4.0.1.0.1	Hauling 7.3 x 72	Per 100' mile	526	70	368.20
10 1.08.8.0.0.8.5	Handling + dumping	sk	150	95	142.50
11 1.04.3.0.5.0.8	Plus	ea	1	40.00	40.00
12 1.04.3.3.0.1.3	insert	ea	1	144.90	144.90
13 1.04.3.3.0.4.4	basket	ea	1	108.00	108.00
14 1.04.3.3.0.5.0	Centralizers	ea	6	42.30	253.80
15 1.04.3.3.0.9.4	Port collar	ea	1	1100.00	1100.00
16	Sub-Total				4887.36

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SERVICE REPRESENTATIVE: *Larry J. ...* PR. BOOK: 07
The above material and service ordered by the Customer and received by: *Herald Veatch*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

15-199-20107-0000

Date 9-9-87 District 3320 Ticket No. 281712
 Company TXO Rig Wurfis #20
 Lease Hilbert Well No. C-1
 County Wallace State Ks
 Location W 05 Sec 4 W-6 S-1 W Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
Pump 40 bbl 23 KCL flush

LEAD: Pump Time _____ hrs. Type Carrison, FP-8
3/4" x 1 1/2" CP-31, 4" Coll. plug pump Excess _____

Amt. 150 Skys Yield _____ ft³/sk Density 16.5 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used CT-37
 Bulk Equip. B-14

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 1 1/2 Type J-55 Weight 10.5 Collar _____

Casing Depths: Top surface Bottom 5299'

Drill Pipe: Size _____ Weight _____ Collars _____

Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0157 Lin. ft./Bbl. 62.6

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 + Baker

Shoe: Type Cement nose (mud) furnished by Co. No. 5299

Float: Type flex fill Depth 5285'

Centralizers: Quantity 6 Plugs Top rubber Btm. _____

Stage Collars Post collar set @ 1997' (arrow)

Special Equip. 1 loader

Disp. Fluid Type H₂O Amt. 85 Bbls. Weight 8.34 PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Herald Venter

CEMENTER Harry J.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
3:00						on loc with float equip
4:00						run float equipment
4:15						take on loc
5:45						finish running float equip
6:50						hook up to circulate
7:10						mix 40 bbl KCL flush + pump
7:20						mix cement
7:30						wash out pump + lines
7:33						displace plug
7:50						plug down @ 1500 PSI
						Thank you Harry + crew

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CONSERVATION DIVISION
 Wichita, Kansas

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 4 BBLs. THANK YOU

Form No. SR 0502 (Rev. 7/85)

Note: Must accompany job ticket.