

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

S

API NO. 15-..... 097-21,219-0000
County..... Kiowa
approx S/2 NE SW Sec. 3 30S 18 East
..... Sec..... Twp..... Rge..... X West

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

Purchaser..... Purchaser not yet determined

Operator Contact Person Doug Clark
Phone 316 269-7600

Contractor: License # 5107
Name H-30 Drilling Company

Wellsite Geologist..... Bill Miller
Phone..... 316 269-7600

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..9-10-86..... ..9-15-86..... ..9-26-86.....
Spud Date Date Reached TD Completion Date
..3650'..... ..3634'.....
Total Depth PBTD
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 #

1950... Ft North from Southeast Corner of Section
3505... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

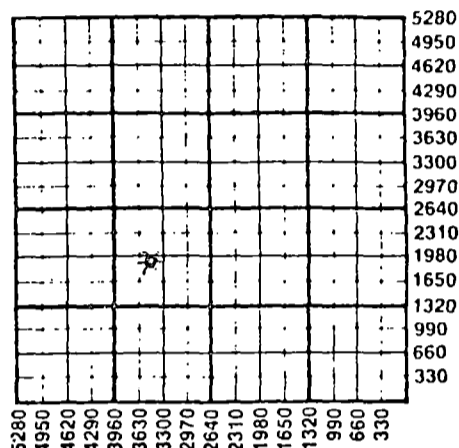
Lease Name..... PARKIN "H" Well #..... 1

Field Name..... Parkin

Producing Formation..... Emporia

Elevation: Ground..... 2147' KB..... 2152'

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 #.....

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. #)

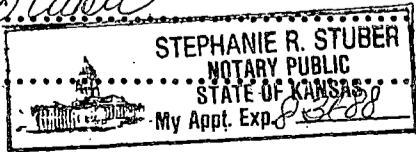
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on side two of this form will be held confidential 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 10-1-86

Subscribed and sworn to before me this 1st day of October 1986.
Notary Public..... *Stephanie R. Stuber*

Date Commission Expires..... 8-28-88



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA KS
Form ACO-1 (5-86)

Sec 3
Twp 30
Rge 18
W 1

OCT 3 1986

10-3-86

Operator Name TXO PRODUCTION CORP. Lease Name PARKIN "H" Well # 1

Sec 3 Twp 30S Rge 18W East West County Kiowa

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, 3483-3505' (Emporia):
 IFP/30"=59-78 psig.
 ISIP/60"=1215 psig.
 FFP/45"=88-108 psig.
 FSIP/90"=1215 psig.
 Rec: 85' DM + 85' WM (20% water) (C1--=51,000)
 1st open: GTS in 9", 20"=156 MCFD, 30"=211 MCFD.
 2nd open: 10"=236 MCFD, 20"=274 MCFD, 30"=288 MCFD, 40"=303 MCFD, 45"=303 MCFD.

Name	Top	Bottom
Herington	2453'	- 301
Krider	2484'	- 332
Cottonwood	2966'	- 814
Foraker	3085'	- 933
Onaga Shale	3245'	-1093
Stotler	3400'	-1248
Tarkio	3452'	-1300
Emporia	3472'	-1320
Bern	3543'	-1391
Howard	3594'	-1442
RTD	3650'	
LTD	3649'	

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"	24#	260'	Lite	100	
Production	7-7/8"	4-1/2"	10.5#	3648'	Class A Surfill	75 100	3% CaCl ₂ 2% gel 2% KCl water

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JSPE (.44 holes)	3482-86' & 3489-96' (Emporia)	500 gallons 15% HCl w/ NE, FE agent & Clay Stabilizer	3482-86', 3489-96'

TUBING RECORD	Size 2-3/8"	Set At 3528'	Packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production	Producing Method
SIGW	N/A <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	1625 MCFD MCF	N/A Bbls		CFPB

METHOD OF COMPLETION Production Interval

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

3482'-86' &

 3489'-96' (Emporia)

BJ-TITAN SERVICES COMPANY

ORIGINAL

Copy

DATE OF JOB
MM DD YY
9 15 86

CONTRACT NO. 284717

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: 67207
 AUTHORIZED BY: ROBBIE

DESCRIPTION OF WELL

WELL NO. 1 OIL NEW STATE: KANSAS CODES: 15
 GAS OLD
 LEASE NAME: PARKIN H. COUNTY/PARISH: KIOWA 07
 FIELD NAME: CITY:
 OWNER: TXO PROD. Corp. MTA DISTRICT:
 LEASE LINES:
 SURVEY LINES:
 SURVEY:
 DIRECTIONS TO LOCATION: 54+1.33 7/8, 1/2, 2 1/2, 1/2, 2 ME
 SECTION, TOWNSHIP, RANGE: 3 30S 18W
 QUADRANT: C NE SW

JOB INFORMATION

ARRIVED						RELEASED					
HH	MM	A	MM	DD	YY	HH	MM	A	MM	DD	YY
5	00		9	15	86	9	15		9	15	86
JOB CODE: 0106	TYPE OF JOB: PROD. CASING		API OR IC NO. 15-097-21219								
AVG. PSI:	BUSINESS CODE:	INJ. RATE (BPM):	WORKING WELL DEPTH: 3650 FT.								

DIST. NO. 3350	DISTRICT NAME: MEDICINE LODGE, 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	10100320 PUMP CHARGES RECEIVED	E	1	862.00	862.00
02	10100325 3000' - 3640' STATE CORPORATION COMMISSION CONS. DIV. WICHITA, KS	100'	6.48	9.00	58.32
03	10109005 PUMP TRUCK MILEAGE	E	43	1.50	64.50
04	10410504 CLASS A	S	100	5.00	500.00
05	10428020 A-10 OCT. 3 1986	S	9.40	13.50	126.90
06	10415049 A-7P	S	1.88	23.00	43.24
07	10420145 BJ-TITAN Gel	S	1.88	6.75	12.69
08	10428048 A-9	L	700	20	140.00
09	10880095 HANDLING + DUMPING	Q	100	92	92.00
10	10940115 DRAYAGE 5.7 X 43	TM	245.1	68	166.67
11	10430508 4 1/2" TOP RUBBER PLUG	E	1	23.50	23.50
12	10433036 4 1/2" GUIDE SHOE	E	1	93.60	93.60
13	10433013 4 1/2" INSERT	E	1	144.90	144.90
14	10433050 4 1/2" CENTRALIZERS	E	6	42.30	253.80
15	SUBTOTAL				2582.12
16	Less 47% Disc				1213.60

SERVICE REPRESENTATIVE: *[Signature]* PER. BOOK: *[Signature]*

The above material and service ordered by *[Signature]* Customer and received by *[Signature]*

CONTRACT NO. 284717

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
	9 15 86	MED LOCKE	3350	ROBBIE
CUSTOMER TKO PRODUCTION COOP.				

PRICE BOOK REF. NO.	DESCRIPTION	QUANTITY	PRICE	TOTAL
	TOTAL			\$ 1368 57
			less	26 92
				1395 44

SERVICE REPRESENTATIVE <i>Kelvin B. Bland</i>	PR. BOOK 07	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <i>[Signature]</i>	WELL OWNER/OPERATOR/CONTRACTOR OR AGENT
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Date 9/15/86 District MED LODGE Ticket No 284717
 Company TRO PROD. CORP Rig H-30#2
 Lease PARKIN H Well No. 1
 County KIOWA State KANSAS
 Location 183+54 7/8 2 2/2s Field 1E 2 1/2E

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2" Type _____ Weight 10.5 Collar _____

Casing Depths Top KB Bottom 3643'

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size 7 7/8" T.D. 3650 ft P.B. to _____ ft

CAPACITY FACTORS
 Casing Bbls/Lin ft .0159 Lin ft Bbl 62.7
 Open Holes Bbls/Lin ft .0602 Lin ft Bbl 16.6
 Drill Pipe Bbls Lin ft _____ Lin ft Bbl _____
 Annulus Bbls Lin ft .0406 Lin ft Bbl 24.6
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft sk Density _____ PPG

LEAD Pump Time _____ hrs Type _____
 Excess _____

Amt _____ Sks Yield _____ ft sk Density _____ PPG
 TAIL Pump Time _____ hrs Type SAHM-FILL

10:2:2 Excess _____
 Amt 100 Sks Yield 1.46 ft sk Density 15.0 PPG

WATER Lead _____ gals sk Tail 6.8 gals sk Total 16 Bbls

Pump Trucks Used CT-40 NEAL RIPP
 Bulk Equip T-42 STELE ARNETT

Flow. Equip Manufacturer BAKER
 Shoe Type CEMENT Depth 3643'

Float Type TEX-FILL Depth 3634'

Centralizers Quantity 6 Plugs Top X Bit _____

Stage Collars _____
 Special Equip _____

Disp Fluid Type 2% KCL Amt 58 1/4 Bbls Weight 8.42 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE ROBBIE ROBELSON

CEMENTER KEVIN BRUNHALDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
5:00						ON LOCATION, SAFETY MEETING TRIP UP
8:45	600					RUN 4 1/2" CASING, BREAK CIRCULATION WITH ROTARY PUMP
8:53	700		40	40	5	START KCL WATER KCL IN - START CEMENT CEMENT IN
			66	26		FLUSH PUMP + CEMENT
8:57	600					RELEASE PLUG - START DISPLACEMENT
	500		98	32		CEMENT TURNS SHOES - SLOW RATE
9:15	1200		124	26		BUMP PLUG
						FLOAT DEAD

FINAL DISP. PRESS. 900 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 1/2 BBLs
 Form No. SP-0507 (Rev. 7/85) THANK YOU