

12/7/85  
12-7-86

S SIDE ONE

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

Rec'd  
11-22-85

API NO. 15-151-21-682-00-00  
County Pratt  
SE NW NW Sec. 17 Twp. 29S Rge. 15  East  West

DESCRIPTION OF WELL AND LEASE **CONFIDENTIAL**

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

4290 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

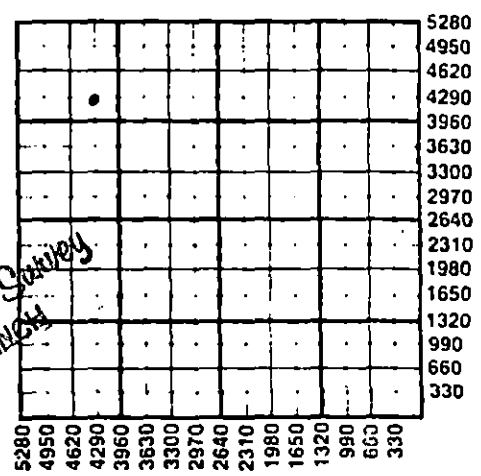
Operator Contact Person Doug Clark  
Phone 316 269-7600

Lease Name Kerr Estate "A" Well # 2  
Field Name Croft North

Contractor: License # 5829  
Name Aldebaran Drilling Co.

Producing Formation Viola  
Elevation: Ground 2046 KB 2054  
Section Plat

Wellsite Geologist William J. Stobbe  
Phone 316 722-8327  
PURCHASER KOCH



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

NOV 25 1985  
State Geological Survey  
WICHITA BRANCH

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

WATER SUPPLY INFORMATION  
Source of Water: Not Applicable  
Division of Water Resources Permit #

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

8-22-85	8-30-85	9-7-85
Spud Date	Date Reached TD	Completion Date
4890'	4869'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 431' 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

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.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket # None

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 11-20-85

Subscribed and sworn to before me this 20 day of November 1985

Notary Public Stephanie R. Studer  
Date Commission Expires 8-31-88  
STATE CORPORATION COMMISSION

K.C.C. OFFICE USE ONLY

- Letter of Confidentiality Attached
- Wireline Log Received
- Drillers Time Log Received

Distribution

- KCC  SWD/Rep  NGPA
- KGS  Plug  Other

(Specify)

STEPHANIE R. STUDER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 8-31-88

Operator Name TXO Production Corp. Lease Name KERR ESTATE "A" Well # 2 SEC. 17 TWP. 29S RGE. 15  East  West

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
Heebner	3962'	-1908
Douglas Shale	4064'	-2010
Brown Lime	4122'	-2068
Lansing	4138'	-2084
Dennis	4394'	-2340
Swope	4437'	-2383
Hertha	4474'	-2420
BKC	4514'	-2460
Marmaton	4528'	-2474
Cherokee Shale	4626'	-2572
Kinderhook	4693'	-2639
Viola	4752'	-2698
Simpson Shale	4824'	-2770
RTD	4890'	
LTD	4890'	
PBD	4869'	

RELEASED  
 JAN 13 1988  
 FROM CONFIDENTIAL

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"	23#	431'	Lite	250	
Production	7-7/8"	5-1/2"	14#	4889'	Class A Surfill	100 125	
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 JSPE	4792'-4802'			500 gals. 15% HCl w/additives		4792-4802	
TUBING RECORD		Size 2-7/8"	Set At 4830'	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
9-9-85							
Estimated Production Per 24 Hours	Oil 232.97 BO Bbls	Gas 0 MCFD MCF	Water 11.69 BW Bbls	Gas-Oil Ratio	Gravity		
				CFPB			

METHOD OF COMPLETION

Production Interval

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

.....4792-4802'.....  
 (Viola)  
 .....

DATE OF JOB  
MM DD YY  
8 22 85

CONTRACT NO. **283437**

DIRECT CORRESPONDENCE TO:  
P.O. BOX 4442 HOUSTON, TX 77210  
NET 30 DAYS FROM DATE OF CONTRACT  
PO. BOX 200416 HOUSTON, TX 77216

ORDER NO. 283437

**CUSTOMER**

NAME: **Titan Corporation** NO. \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
AUTHORIZED BY: **Mark Swain**

**DESCRIPTION OF WELL**

WELL NO. **2** OIL  NEW  STATE **KAN 595** CODES  
GAS  OLD   
LEASE NAME: **Kerr Estates A** COUNTY/PARISH **Pratt Co**  
FIELD NAME: **A Deborah #4** CITY \_\_\_\_\_  
OWNER: **T.C. Producers** MTA DISTRICT \_\_\_\_\_  
LEASE LINES \_\_\_\_\_  
SURVEY LINES \_\_\_\_\_  
SURVEY \_\_\_\_\_  
DIRECTIONS TO LOCATION: **Coats, Swain, E into S. 40th**  
SECTION, TOWNSHIP, RANGE: **17-29S-15W**  
QUADRANT: **Pratt & Medkoff**

**ARRIVED** HH MM A MM DD YY **5:45 P 8 22 85**

**RELEASED** HH MM A MM DD YY \_\_\_\_\_

JOB CODE: **0160** TYPE OF JOB: **Surface** API OR IC NO. \_\_\_\_\_  
AVG. PSI \_\_\_\_\_ BUSINESS CODE \_\_\_\_\_ INJ. RATE (BPM) \_\_\_\_\_ WORKING WELL DEPTH **4453**

DIST. NO. **01-55-105** DISTRICT NAME **Med. Medkoff**

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

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 1010305	Pump Charge		300'	370.00	370.00
02 10100310	Other Charge	E/A	131	41	53.71
03 10109005	Pump Truck mileage (Pratt)	E/A	24 mile	1.50	36.00
04 10430536	8/8 TCP Rubber Plug	E/A	1	58.00	58.00
05 10410504	CLASS A	E/A	100 SKS	5.00	500.00
06 10415055	Lite White	E/A	250 SKS	4.30	1075.00
07 10415048	2.5 1985 A-7	CWT	942 lbs	23.10	216.66
08 10720145	2.5 1985 A-7	CWT	188 lbs	6.75	12.69
09 10890095	2.5 1985 A-7	E/A	350 SKS	92	322.00
10 10940115	2.5 1985 A-7	T/M	597.6	68	406.37
11					
12					
13					
14					
15					
16					

SERVICE REPRESENTATIVE: **Danny S. Wright** PR. BOOK: **07**  
The above material and service ordered by the Customer and received by: **Mark Swain** (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

DATE OF JOB  
MM DD YY  
8 30 85

CONTRACT NO. **283308**

DIRECT CORRESPONDENCE TO:  
P.O. BOX 4442 HOUSTON, TX 77210  
NET 30 DAYS FROM DATE OF CONTRACT  
P.O. BOX 200416 HOUSTON, TX 77216

ORDER NO.

**CUSTOMER**  
NAME: T. A. O. NO. \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

**DESCRIPTION OF WELL**  
WELL NO. 2  
OIL  NEW  STATE TX CODES \_\_\_\_\_  
GAS  OLD   
LEASE NAME: Keir Estates COUNTY/PARISH Pratt  
FIELD NAME \_\_\_\_\_ CITY \_\_\_\_\_

AUTHORIZED BY: JCS

OWNER: Aldebrun D. J. MTA DISTRICT \_\_\_\_\_

**JOB INFORMATION**  
ARRIVED: HH MM A MM DD YY 1:00 8 30 85  
RELEASED: HH MM A MM DD YY 2:05 8 30 85  
JOB CODE: \_\_\_\_\_ TYPE OF JOB: Prod API OR IC NO. \_\_\_\_\_  
AVG. PSI: \_\_\_\_\_ BUSINESS CODE: \_\_\_\_\_ INJ. RATE (BPM): \_\_\_\_\_ WORKING WELL DEPTH: 4890 FT.

LEASE LINES: \_\_\_\_\_  
SURVEY LINES: \_\_\_\_\_  
SURVEY: \_\_\_\_\_  
DIRECTIONS TO LOCATION: Coats 90114a - E. 1100

DIST. NO. 5133-105 DISTRICT NAME: Med Lodge SYSTEM NO. \_\_\_\_\_

SECTION, TOWNSHIP, RANGE: 17-29S-15W  
QUADRANT: Pratt

**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	12.100320 Price of Job		3000'		862 00
02	10.100320 other charge		1829'		170 01
03	10.109005 mileage (Pratt)		24 mi.		36 00
04	10.410504 Class A		125 gal		825
05	10.428020 5 gal seal		765 gal		95 10
06	10.415012 seal		115 gal		122 19
07	10.420115 gal		124 gal		14 72
08	10.415048 D-70		1000		320 00
09	10.433051 5 1/2 cent		10		480 00
10	10.433045 5 1/2 Basket		2		243 00
11	10.433011 5 1/2 cent		1		162 00
12	10.433030 5 1/2 cent		1		106 20
13	10.433061 5 1/2 stop ring		2		28 80
14	10.430520 5 1/2 top nub		1		31 00
15	10.422005 Flo Seal		31		37 20
16					

SERVICE REPRESENTATIVE: M. L. L. PR. BOOK: 7  
The above material and service ordered by the Customer and received by: [Signature] (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)