

ORIGINAL

1/18/91
RELEASED

SIDE ONE

JAN 29 1991

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

API NO. 15- 007-22,269-00-00

County Barber FROM CONFIDENTIAL

175'W of East
W/2 NW SW Sec. 4 Twp. 35S Rge. 13 X West

1980 Ft. North from Southeast Corner of Section

5125 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Oakes "A" Well # 3

Field Name Aetna

Producing Formation Mississippian

Elevation: Ground 1624' KB 1632'

Total Depth 5280 PBD 5053

Operator: License # 5171

Name: TXO PRODUCTION CORPORATION

Address 1660 Lincoln St. - Suite 1800

City/State/Zip Denver, Colorado 80246

Purchaser: KGS

Operator Contact Person: Les Smith

Phone (303) 861-4246

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

X Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator:

Well Name:

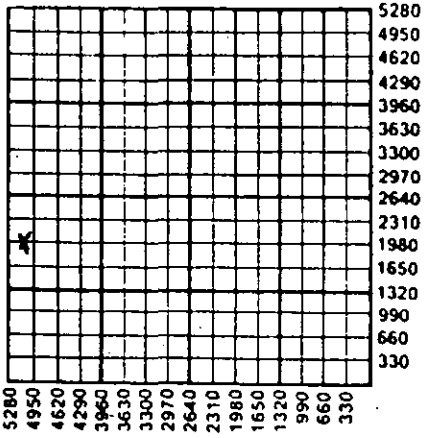
Comp. Date

Drilling Method:

X Mud Rotary Air Rotary Cable

10/20/89 10/29/89 11/10/89

Spud Date Date Reached TD Completion Date



ALT I
1-29-91

Amount of Surface Pipe Set and Cemented at 376' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

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KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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 Les Smith

Title Petroleum Engineer Date 1/16/90

Subscribed and sworn to before me this 16th day of January, 1990.

Notary Public Janice A. Parker

Date Commission Expires 11-03-92

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
Distribution
KCC SMD/Rep NGPA
KGS Plug Other (Specify)

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1-18-90
CONSERVATION DIVISION

PI

SIDE TWO

Operator Name TXO PRODUCTION CORPORATION Lease Name OAKES "A" Well # 3
 Sec. 4 Twp. 35S Rge. 13 East County Barber West

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.

RELEASED

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description 11/29/1991
 Log Sample
FROM CONFIDENTIAL
 Name Top Bottom
 Elgin SS 3816'
 LKC 4228'
 Swope 4714'
 Miss. 4916'
 LTD 5278'

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 1/2"	8-5/8"	24#	377'	Lite	300	
Production	7-7/8"	4 1/2"	11.6#	5108'	Thix	150	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4936 - 68'	3000 Gal 15% HCL 172,200 # Sand	4936-68

TUBING RECORD Size 2-3/8" Set At 4896' Packer At NA Liner Run Yes No

Date of First Production 11/13/89 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours: Oil 0 Bbls. Gas 750 Mcf Water 10 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Conmingled
 Other (Specify) _____
 Production Interval _____

ORIGINAL

RELEASED

JAN 29 '00

DRILLER'S WELL LOG

FROM CONFIDENTIAL

TXO PRODUCTION CORPORATION
OAKES "A" #3
Barber County, Kansas.

COMMENCED: October 20, 1989
COMPLETED: October 29, 1989

0' - 382' Surface
382' - 1210' Red Beds
1210' - 1970' Shale
1970' - 2505' Shale & Lime
2505' - 3240' Shale & Lime
3240' - 4015' Lime & Shale
4015' - 4515' Lime & Shale
4515' - 4880' Shale & Lime
4880' - 5280' Shale & Lime
5280' RTD

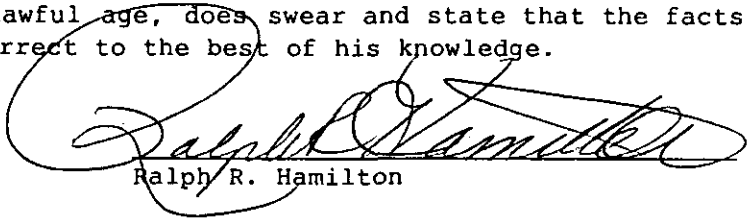
Surface Casing: Set 9 jts. 8-5/8"
24# at 376' w/200 sacks Lite, 75 sacks
Class "A", 2% gel, 3% cc.

Production Casing: Set 124 jts. 4 1/2"
11.6# at 5108 feet with 150 sacks
50/50 Pozmix, 2% gel.

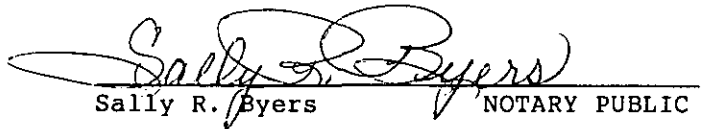
AFFIDAVIT

STATE OF KANSAS)
) ss:
COUNTY OF SEDGWICK)

Ralph R. Hamilton, of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.


Ralph R. Hamilton

Subscribed and sworn to me this 6th day of November, 1989.


Sally R. Byers NOTARY PUBLIC

My Commission Expires: December 6, 1992.



JAN 22 1990
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH RECEIVED
CORPORATION COMMISSION

JAN 18 1990
CONSERVATION DIVISION
Wichita, Kansas