

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 8653  
Name Petroleum Technologies, Inc.  
Address 4005 E. Kellogg  
City/State/Zip Wichita, KS 67218

Purchaser: Getty Oil

Operator Contact Person Grant B. Gardner  
Phone (316) 687-9963

Contractor: License # 5829  
Name Aldebaran

Wellsite Geologist David Barker  
Phone (316) 687-9044

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9-8-84 9-25-84 11-8-84  
Spud Date Date Reached TD Completion Date  
4976' 4563'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 302 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

API NO. 15-007 21 886-00-00  
County Barber  
SW SE NE Sec. 6 Twp. 32S Rge. 13  East  West

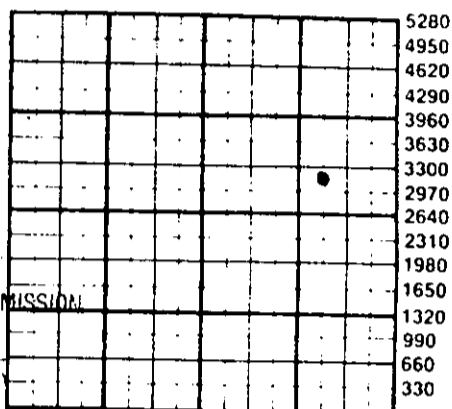
3150' Ft North from Southeast Corner of Section  
990' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Brook Well # 6-1

Field Name New Discovery BROOKS SW

Producing Formation Mississippi (oil)

Elevation: Ground 1794 KB 1800  
Section Plat



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JAN 10 1984  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. #)

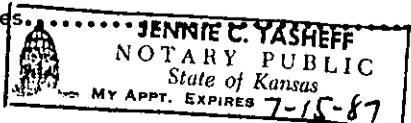
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held 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 Grant B. Gardner  
Title Vice-President, Exploration Date 12.12.84

Subscribed and sworn to before me this 12th day of December 1984  
Notary Public Jennie C. Yashoff

Date Commission Expires



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

Sec 6, Twp 32S, Rge 13E

Operator Name Petroleum Technologies, Inc. Lease Name BROOK Well # 9-3

Sec. 6 Twp. 32S Rge. 13  East  West County Barber

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

For Drill Stem Tests,  
 See Attached Sheet

Name	Top	Bottom
Chase	-287	
Onaga	-1076	
Stotler	-1279	
Heebner	-2006	
Lansing	-2190	
BKC	-2588	
Miss	-2671	
Ordovician	-2965	
Simpson Sh.	-3078	

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MAY 29 1986

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		8 5/8	24	302	Lite/Comm	100/100	..Gel:2.GG:3.
Production	7 7/8	5 1/2	14	4563 KB	Howcp Lite EA-2	75 175	(Cl-A.w/5% Cal Seal-18% Salt-75% Halad 332 & 5#
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			Depth p/SXS
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			
2 SPF	4472-4476 KB			500 Gal, 10% DS-FFA (Acid) (Frac) Pure Gel w/26,000# 20/40 and 10/20 sand			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		2 3/8"	4510' KB				
Date of First Production	Producing Method						
11-8-84	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil		Gas		Water		Gas-Oil Ratio
	20	Bbls	0	MCF	80	Bbls	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease

Open Hole  Perforation  Other (Specify) .....

4472-4476 KB

Dually Completed  Commingled

RELEASED

WICHITA BRANCH

MAY 29 1986

FROM CONFIDENTIAL

BROOK #6-1 DRILL STEM TESTS

DST #1 3956-3966/ 30-60-45-90  
 IHP 1892# IFP 30-119# ISIP 1420#  
 FFP 129-238# FSIP 1420# FHP 1852#  
 Recovered 480' salt water

DST #2 4029-4042/ 30-40-45-90  
 1st Open GTS/4" Inc. to 235 MCFPD  
 2nd Open Gauge Inc. to 275 MCFPD and Stab.  
 IHP 2000# IFP 129-188# ISIP 1439#  
 FFP 79-139# FSIP 1380# FHP 1912#  
 Recovered 220' heavy oil cut mud

DST #3 4205-4211/ 30-60-45-90  
 IHP 2059# IFP 50-248# ISIP 1498#  
 FFP 285-374# FSIP 1508# FHP 2039#  
 Recovered 640' Salt Water

DST #4 4281-4294/ 30-60-45-90  
 Tool slid 12' on 1st opening  
 1st Open GTS/28" TSTM  
 2nd Open GTS/1" 94MCFPD, Decrease to 33 MCFPD and Stab.  
 IHP 2099# IFP 308-208# ISIP 1587#  
 FFP 139-186# FSIP 1587# FHP 2059#  
 Recovered 420' gas cut mud and 90' gas cut salt water

DST #5 4304-4319/ 30-60-45-90  
 1st Open GTS/10" Inc. to 65 MCFPD  
 2nd Open Inc. throughout to 98 MCFPD  
 IHP 2118# IFP 79-159# ISIP 1626#  
 FFP 109-288# FSIP 1616# FHP 2030#  
 Recovered 120' heavy oil cut gassy mud, 180' gas cut oil  
 and 300' salt water.

DST#6 4388-4440/ 30-60-45-90  
 1st Open GTS/9" inc. to 32 MCFPD  
 2nd Open Decrease from 41 to 23 MCFPD and Stab.  
 IHP 2158# IFP 149-288# ISIP 1626#  
 FFP 208-447# FSIP 1626# FHP 2079  
 Recovered 540' heavy oil and gas cut salt water and 600' salt water

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STATE CORPORATION COMMISSION

JAN 9 1987

CONSERVATION DIVISION  
 Wichita, Kansas