

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 # 6854  
Name Sohio Petroleum Company  
Address 50 Penn Place, Suite 1100  
City/State/Zip Oklahoma City, OK 73118

Purchaser Kaw Pipeline Company  
Russell, KS 67665

Operator Contact Person G. J. Plisga  
Phone 405-848-7571

Contractor: License # 5420  
Name White & Ellis Drilling

Wellsite Geologist Jon Jones  
Phone 405-848-7571

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  
11-13-84 11-27-84 3-7-85  
Spud Date Date Reached TD Completion Date  
3449' 3442'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 281 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1457 feet  
If alternate 2 completion, cement circulated from 1457 feet depth to Surface/230 SX cmt

API NO. 15- 163-22531-00-00  
County Rooks  
SE SW SW Sec. 3 Twp. 9S Rge. 19  East  West

330 Ft North from Southeast Corner of Section  
4215 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

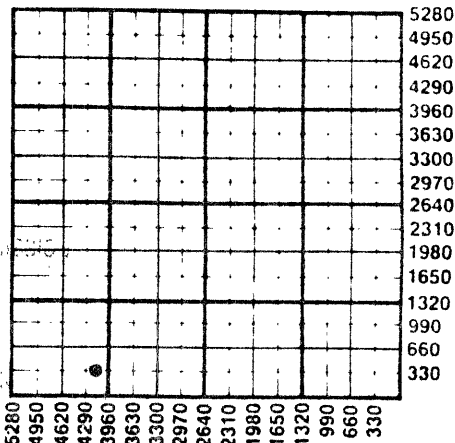
Lease Name Rostocil "B" Well # 4

Field Name Barry

Producing Formation Arbuckle & L-KC

Elevation: Ground 2001' KB 2006'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
11/2/85  
APR 02 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # 41,614-C(C-2739)

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # N/A

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) Keller Tank Service  
(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 [Signature]  
Title District Production Superintendent Date 3/29/85

Subscribed and sworn to before me this 29th day of March 1985.

Notary Public Norma C. Heidelbrecht

Date Commission Expires Nov. 19, 1985

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. 3 Twp. 9 Rge. 19W

SIDE TWO

Operator Name ..... Sohio Petroleum Company ..... Lease Name..... Rostocil 'B' ..... Well #..... 4

Sec..... 3 ..... Twp..... 9S ..... Rge..... 19 .....  East  West ..... County..... Rooks .....

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

Core #1: 3171-3186'; dense limestone  
 Core #2: 3186-3203'; vuggy limestone  
 Core #3: 3213-3273'; interbedded limestone & green shale  
 Core #4: 3273-3333'; dense cherty to fossiliferous limestone  
 Core #5: 3333-3382'; dense fractured and oolitic limestone

Name	Top	Bottom
Anhydrite	1406	1450
Neva LS	2412	2444
Topeka LS	2926	3018
Hebner Shale	3131	3400
Toronto LS	3152	3168
Lansing-Kansas City	3171	3396
Arbuckle	3416	below TD

RELEASED  
 JUL 15 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	14-3/4"	10-3/4"	45.5	281'	60/40 po4	230	3% CaCl <sub>2</sub> , 2% gel	
Production	9-5/8"	7"	20	3448'	Howcolite Class A	425 200	8% NaCl, 10% gel	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth		
2	3415-18'			100 gal 15% NE				
4	3430-33'			350 gal 15% MCA				
4	3353-57' and 3344-51'			1750 gal 15% NE, 10,100 gal				
	3332-41' and 3324-26'			Versagel, 7,000 gal 20% HCl				
(See attached for additional perfs)								
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		2-3/8"	L-KC 3355' Arb. 3390'	3390'				
Date of First Production		Producing Method						
Jan. 17, 1985		<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	Gravity	
	L-KC	Arb.		L-KC	Arb.		L-KC	Arb.
9	9	9	59	129	0	34.0	28.0	
	Bbls		measure	Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3172-3357' (L-KC)  
 Used on Lease  Dually Completed 3415-3433' (Arbuckle)  
 Commingled

**CONFIDENTIAL**

ADDITIONAL PERFORATION DETAIL

SPF	INTERVAL PERFORATED	TREATMENT RECORD
4	3238-31'	500 gal. 15% NE } 1000 gal 20% SGA- HT, 1000 gal 20% NE
4	3216-19'	
4	3191-97'	} 1100 gal 15% NE
4	3182-85' and 3172-74'	

**RELEASED**

**JUL 15 1986**

**FROM CONFIDENTIAL**

**APR - 4 1985**

*State Geological Survey*  
WICH

RECEIVED  
STATE CORPORATION COMMISSION

**APR 02 1985**

CONSERVATION DIVISION  
Wichita, Kansas

~~APR 1~~ **17 1986**

**KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH**

*Handwritten signature and date: 3/29/85*

**CONFIDENTIAL**

SOHIO PETROLEUM COMPANY  
50 Penn Place, Suite 1100  
Oklahoma City, Oklahoma

**RELEASED**

**JUL 15 1986**

Geological Report: Rosticial B-4 **FROM CONFIDENTIAL**  
SE SW SW Sec. 3, T 9 S, R 19 W  
Rooks County, Kansas

Contractor: White & Ellis Drilling, Inc. Rig 2

Drilling Commenced: November 12, 1984

Drilling Completed: November 25, 1984

Samples: From grass roots to 2000': 30' samples  
From 2000' to 3449', RTD.: 10' samples  
One set of samples will be sent to the  
Kansas Geological Sample Library, 4150  
Monroe St., Wichita, Kansas.

Drilling Time: Recorded and plotted from 2000' to  
3449', RTD. A copy of the plotted  
drilling time/lithology log is in-  
cluded with this report.

Drillstem Tests: None

Electric Logs: by Schlumberger Well Services

Cores: by Dowd Co., Oklahoma City, Okla.

Core Analysis: Core Laboratories, Inc., Oklahoma City

Elevations: Kelly Bushing: 2006'  
Ground Level: 2001  
Measurements From: K. B.

<b>Formations:</b>	<b>E. Log Depths:</b>	<b>Datums:</b>
Anhydrite	1406-1450	+ 600
Neva Limestone	2412	- 406
Topeka Lime	2926	- 920
Heebner Shale	3131	-1125
Toronto Lime	3152	-1146
Lansing-Kansas City	3171	-1165
Base of Kansas City	3396	-1390
Arbuckle	3416	-1410
Total Depth	3448	-1448

RECEIVED  
STATE CORPORATION COMMISSION

APR 02 1985

CONSERVATION DIVISION  
Wichita, Kansas

**JUL 15 1986**

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

*Released*

*Stegia*  
*3/24/85*