SIDE ONE

3-9-19W 4/2/85 B 7-86 KCC

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
[X] New Well [ ] Re-Entry [ ] Workover

[X] 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

API NO. 15- 163-22531

County Rooks

SE SW SW Sec. 3 Twp. 9S Rge. 19 [ ] East [X] West

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

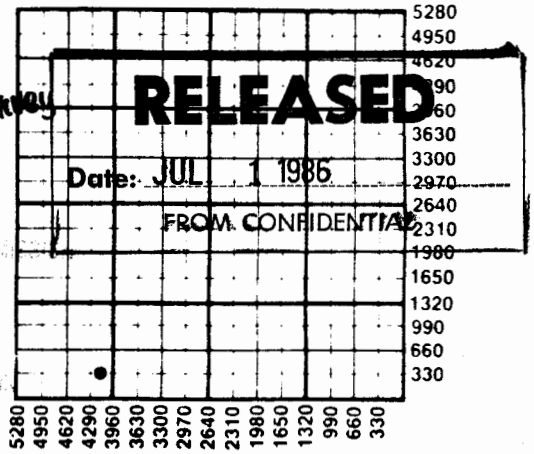
Lease Name Rostocil "B" Well # 4

Field Name Barry

Producing Formation Arbuckle & L-KC

Elevation: Ground 2001' KB 2006'

Section Plat



RELEASED
Date: JUL 1 1986
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State Geological Survey
WICHITA BRANCH
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CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

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

WELL HISTORY

Drilling Method:
[X] 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	PBTD

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

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WICHITA BRANCH

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

[X] 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.

60501

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

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

Formation Description
☐ Log ☒ Sample

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

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	14-3/4"	10-3/4"	45.5	281'	60/40 poz	230	3% CaCl, 2% gel
Production	9-5/8"	7"	20	3448'	Howcolite	425	8% NaCl, 10% gel
					Class A	200	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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 Versagel, 7,000 gal 20% HCl	
	3332-41' and 3324-26'		
	(See attached for additional perfs)		

TUBING RECORD Size 2-3/8" Set At L-KC 3355' Arb. 3390' Packer at 3390' Liner Run ☐ Yes ☒ No

Date of First Production: Jan. 17, 1985

Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain)

3-9-19W P1

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Sohio Petroleum
50 Penn Place, Suite 1100
Oklahoma City, OK 73118

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Rostocil B **Well No.** #4

Sec. 3 **T.** 9S **R.** ~~15W~~ 19 (drl) **Spot** SE SW SW

County Rooks **State** Kansas **Elevation**

Casing Record:

Surface: 10 3/4" @ 255' with 230 sx.

Production: 7" @ 3448' with 575 sx.

Type Well: Oil Well **Total Depth** 3449

Drilling Commenced 11-9-84 **Drilling Completed** 11-25-84

Formation	From	To	Tops
Cellar	0	7	
Shale, Lime	7	3449	

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3-9-19W

CONFIDENTIAL

SOHIO PETROLEUM COMPANY

50 Penn Place, Suite 1100
Oklahoma City, Oklahoma

Geological Report:	Rosticial B-4 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 included 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.

Formations:	E. Log Depths:	Datums:
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	-14[illegible]

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Wichita, Kansas

JUL 1[illegible] 1985

Released

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WICHITA BRANCH

3/29/85

60501

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ADDITIONAL PERFORATION DETAIL

SPF	INTERVAL PERFORATED	TREATMENT RECORD		
4	3238-31'	500 gal. 15% NE	1000 gal 20% SGA-HT, 1000 gal 20% NE	3000 gal 20% NE
4	3216-19'			
4	3191-97'	1100 gal 15% NE		
4	3182-85' and 3172-74'			

APR - 4 1985

State Geological Survey

APR 02 1985

	Oil		Gas	Water		Gas-Oil Ratio	Gravity	
	L-KC	Arb.		L-KC	Arb.		L-KC	Arb.
Estimated Production Per 24 Hours	9	9 Bbls	Volume too small to measure MCF	59	129 Bbls	0 CFPB	34.0	28.0

METHOD OF COMPLETION

Production Interval

Disposition of gas: [X] Vented [ ] Sold [ ] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify) .....

[X] Dually Completed
[ ] Commingled

3172-3357' (L-KC)
.....
3415-3433' (Arbuckle)
.....

3/29/85