

IMPORTANT
Kans. Geo. Survey request
samples on this well.

-119- State Geological Survey
WICHITA BRANCH *copy*

KANSAS DRILLERS LOG

API No. 15 — 007 — 20,600
County Number

Operator

Kansas Oil Corp.

Address

400 N. Woodlawn, Suite 2 Wichita, Kansas 67208

Well No.

#1

Lease Name

Schiff

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Abercrombie Drilling

Geologist

Lee Poulsen

Spud Date

3/4/78

Total Depth

4612'

P.B.T.D.

Date Completed

4/14/78

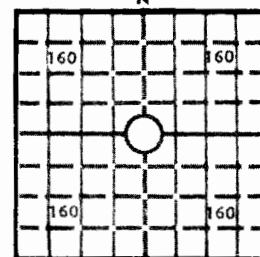
Oil Purchaser

S. 1 T. 33 R. 11 W

Loc. NW NW SW

County Barber

640 Acres



Locate well correctly

Elev.: Gr. 1555

DF 1560 KB 1563

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		8-5/8"		280'	common	250	2%gel 3%CaCl
Production		4-1/2"		4612'	common	150	2%gel 3%CaCl

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2		4536-46
2		4553-59

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
AC 300, SWB LD & 2 BFPH 50% Oil, POP	4536-46'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
6/78	pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	28 bbls.	MCF	10 bbls.	10,000	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
vented					

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Kansas Oil Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1	Lease Name Schiff	Oil	
S <u>1</u> T <u>33</u> R <u>11</u> E <u>W</u>			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Heebner	3641		
Lansing	3830		
Stark Shale	4284		
Base Kan. City	4340		
Cherokee	4504		
Mississippian	4522		
TD	4612		
DST#1, Rec. 45'M. SIP - 143-274 FP 23-23#/23-23#	4522	4542	
DST #2, Rec. GST/25" STAB 16, 700 CFG 15' OCM, 120' MW. SIP - 757-785# FP - 35-35#/35-35#	4542	4562	
DST#3, Rec. GTS/40", STAB 4112 CFG 120' OCM, 240'MO, 60'M BCW SIP - 502-653# FP - 71-95#/119-155#	4558	4612	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Michael R. Bryan Title 3/27/81 Date		

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCHReleased
12/16/81

47

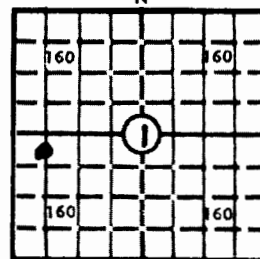
API No. 15 — 007 — 20600
County Number

CONFIDENTIAL

S. 1 T. 33 R. 11W E W SEP

Loc. N/2 NW SW

County Barber

640 Acres
NLocate well correctly
1555

Elev.: Gr.

DF 1560 KB 1563

Operator

Kansas Oil Corporation

Address

250 N. Rock Road, Suite 300, Wichita, KS 67208

Well No.

#1

Lease Name

Schiff

Footage Location

2310 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor

Abercrombie

Geologist

Lee Poulson

Spud Date

3/4/78

Date Completed

5/9/78

Total Depth

4612

P.B.T.D.

4600

Directional Deviation

No.

Oil and/or Gas Purchaser

Peoples

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		8 5/8"		280'	common	250	2%gel 3% CaCl
Production		4 1/2"		4612	common	150	2%gel 3%Cacl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		4536-4546
TUBING RECORD			4		4553-4559
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid w/350 gals. MCA Swb. 600 gal. Frac job w/ 15% acid. Swb.	4536-4546, 4553-4559

INITIAL PRODUCTION

Date of first production 8/9/78	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS Oil 28.5 bbls. Gas 100 MCF Water 10BSW bbls. Gas-oil ratio CFPB	Producing interval (s) 4536-4559
Disposition of gas (vented, used on lease or sold) vented	

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Operator Kansas Oil Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1	Lease Name Schiff	Oil & Gas	
S 1 T 33 R 11 W E W			
WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Heebner Lansing Stark SH. B/KC Cherokee Mississippian TD	3641' 383' 4284 4340 4504 4522 4612		
DST#1, 4522-42, 30-30-60-60, REc 45' mud. FP 23-23 psi., & 23-23 psi., BHP 143-274 psi.			
DST#2, 4542-62, 30-30-9060, GTS 25", GA 167 MCPD. Rec 15' very sli. OCM, 120' WM, FP 35-35 psi., & 35-35 psi., BHP 757-780 psi.,			
DST#3, 4558-4612, 30-30-90-60, GTS 40", GA 4,112 CFG/D. Rec 120' Sli. OCM, 240' OCM&MO, 60' MW, FP 71-95 psi., & 119-155 psi., BHP 502-653 psi.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Michael R. Bryan Title 5/20/81 Date		

OPERATOR: Kansas Oil Corporation
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: Schiff #1
LOCATION: N/2 NW SW Section 1-33S-11W
Barber County, Kansas
SPUD DATE: March 5, 1978
COMPLETION DATE: March 15, 1978

0	40	Surface clay & sand
40	290	Shale & red beds
290	405	Red beds & shale
405	1000	Shale
1000	2050	Shale & lime
2050	2520	Lime & shale
2520	2737	Shale & lime
2737	3245	Lime & shale
3245	3400	Shale & lime
3400	3565	Lime & shale
3565	3715	Shale & lime
3715	4403	Lime & shale
4403	4612	Lime
	4612	Rotary Total Depth

Drilled 290' of 12¼" hole. Ran 7 joints of 8-5/8" surface casing. Set at 288.86' K.B. with 250 sacks cement, 2% gel, 3% CaCl. Plug was down at 6:15 a.m., March 5, 1978.

T.D. 4612'. Ran 120 joints of 4½" - 10½# 8 rd. steel casing. Set at 4612'. Cemented with 150 sacks of 60/40 posmix flush with 20 bbls. of salt flush. Job complete at 4:05 a.m., March 15, 1978.

STATE OF KANSAS)
COUNTY OF SEDGWICK) ss

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the Schiff #1, N/2 NW SW Section 1-33S-11W, Barber County, Kansas.

ABERCROMBIE DRILLING, INC.

BY Jack L. Partridge
Jack L. Partridge,
Assistant Secretary-Treasurer