

KANSAS DRILLERS LOG

API No. 15 — 175 — 20,199
County Number

Operator

Petroleum, Inc.

Address 300 West Douglas
Wichita Kansas

Well No.

Lease Name

#1

Davis "AF"

Footage Location

660 feet from (N) (S) line

660 feet from (E) (W) line

Principal Contractor

Geologist

Rains & Williamson Oil Co, Inc

Charles Ferguson

Spud Date

July 17, 1973

Total Depth

RTD 6200

P.B.T.D.

Date Completed

September 24, 1973

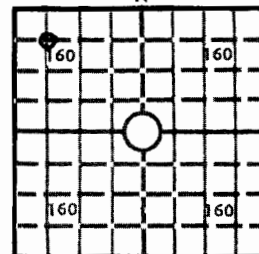
Oil Purchaser

S. 19 T. 32 R. 34 E W

Loc. C NW NW

County Seward

640 Acres
N



Locate well correctly

Elev.: Gr. 2971

DF 2977 KB 2979

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	12-1/4"	8-5/8"	24#	1708'	Lite Wt. Common	650 150	2% CC 2% CC
Production	7-7/8"	5-1/2"	15.50# 14#	6198'	50/50 Pozmix	275	12 1/2# Kolite-18% Salt .5 D-59&1.2D-71 PD w/250 gal acetic acid.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DML	5640-44'
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	5604.45'	None			

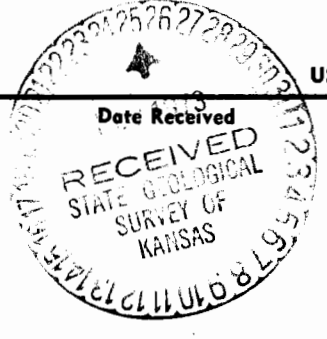
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/500 gal spearhead acid	5640-44'
Fraced w/15,000 gal gelled acid & 12,000 10-20 sand.	5640-44'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
Not on production yet		flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	2006	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			5640-44'		

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 Petroleum, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:																							
Well No. 1	Lease Name DAVIS 'AF'																								
S 19 T 32 R 34 ^E / _W		C. NW NW																							
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																							
Intervals corrected to EL measurements: DST #1: 4933-83: 15-60-60-120; good to fair blow; recovered 3,000' gas in pipe, 75' gas cut mud; IHP 2357#, IFP 48#-67#, 1SIP 1307#, 2FP 67#-67#, 2SIP 1524#, 2HP 2333#, BHT 119° DST #2: 5578-5658: 1F 15", 1SI 60", 2F 60" G/10", gge 11 MCF/20", 12.7 MCF/30", 15.7 MCF/40"-60", 2SI 120"; recovered 90' gas cut mud; IHP 2667#, IFP 41#-41#, 1SIP 1567#, 2FP 41#-41#, 2SIP 1672#, 2HP 2624# DST #3: 6071-6101: 20-60-60-120; recovered 10' Mud; IHP 3025#, IFP 0#-0#, 1SIP 36#, 2FP 0#-0#, 2SIP 25#, 2HP 3020# DST #4: 6040-6135: 1F 15", G/6", gge 331 MCF/10", 344 MCF/15", 1SI 60", 2F 60", gge 411 MCF/5", 534 MCF/30", 562 MCF/60", 2SI 120"; recovered 130' gas cut mud; IHP 2937#, IFP 97#-97#, 1SIP 1818#, 2FP 92#-111#, 2SIP 1818#, 2HP 2876# DST #5: 6135-71: 15-60-60-120; recovered 320' muddy salt water; IHP 3118#, IFP 36#-53#, 1SIP 1838#, 2FP 60#-169#, 2SIP 1790#, 2HP 3070#			Dresser Atlas DIFL & Densilog EL Tops: <table style="width: 100%; border-collapse: collapse;"> <tr><td>Council Grove</td><td style="text-align: right;">2964</td></tr> <tr><td>Wabaunsee</td><td style="text-align: right;">3342</td></tr> <tr><td>Heebner</td><td style="text-align: right;">4182</td></tr> <tr><td>Toronto</td><td style="text-align: right;">4204</td></tr> <tr><td>Lansing</td><td style="text-align: right;">4305</td></tr> <tr><td>Marmaton</td><td style="text-align: right;">4958</td></tr> <tr><td>Cherokee</td><td style="text-align: right;">5183</td></tr> <tr><td>Morrow</td><td style="text-align: right;">5594</td></tr> <tr><td>Chester</td><td style="text-align: right;">5854</td></tr> <tr><td>St. Genevieve</td><td style="text-align: right;">6150</td></tr> <tr><td>ELTD</td><td style="text-align: right;">6171*</td></tr> </table> *RTD was 6175 when log was run.	Council Grove	2964	Wabaunsee	3342	Heebner	4182	Toronto	4204	Lansing	4305	Marmaton	4958	Cherokee	5183	Morrow	5594	Chester	5854	St. Genevieve	6150	ELTD	6171*
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USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																									
	 _____ District Production Superintendent _____ Title November 2, 1973 _____ Date																								

WELL LOG

COMPANY Petroleum, Inc.

State Geological Survey

SEC. 19 T. 32S R. 34W

FARM Davis

NO. 1

WICHITA, BRANCH

C NW NW

RIG. NO. 6

TOTAL DEPTH 6200

COMM. 7-17-73

COMP. 8-7-73

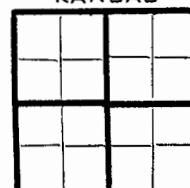
COUNTY

Seward

KANSAS

CONTRACTOR

Rains & Williamson Oil Co., Inc.



CASING

20

10

15

8 5/8" @ 1708' w/ 650 sx. LW, 2% cc, & 150 sx. ELEVATION

12

6

common, 2% cc.

13

5 1/2" @ 6198' w/ 275 sx.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand and Red Bed	910
Red Bed and Sand	1597
Shale and Anhydrite	1714
Anhydrite and Shale	2350
Shale	2660
Lime and Shale	3554
Shale, Lime and Chalk	3740
Shale and Chalk	3917
Lime	3970
Lime and Shale	4685
Lime	4800
Lime and Shale	5045
Lime	5105
Lime and Shale	5255
Lime	5314
Lime and Shale	5485
Brown Lime and Shale	5580
Shale, Sand and Lime	5652
Shale and Lime	5693
Lime and Shale	5777
Shale w/ Lime Streaks	5836
R. Shale and Shaley Lime	5989
Shale and Lime	6105
Lime, Shale and Sand	6173
Lime and Shale	6200
<u>Rotary Total Depth</u>	<u>6200</u>