

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

**KANSAS DRILLERS LOG**

S. 28 T. 10 R. 21 <sup>R</sup>/<sub>W</sub>

API No. 15 — 065 — 21,086  
 County Number

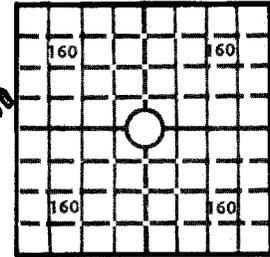
Loc. SW NW NW

Operator  
Rains & Williamson Oil Co.

County Graham

Address  
435 Page Court Wichita, Kansas 67202

640 Acres  
 N



Well No. #1 Lease Name Grecian

Elev.: Gr. 2217

Footage Location  
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor RAINS & WILLIAMSON OIL CO., INC. Geologist

Spud Date 4-7-79 Total Depth 3825 P.B.T.D.

Date Completed 4-18-79 Oil Purchaser

DF KB 2222

**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
	12 1/4	8 5/8	20#	207'	60/40 poz	150 sx	2% gel, 3% CC

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**INITIAL PRODUCTION**

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

**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 **RAINS & WILLIAMSON OIL CO., INC.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name **GRECIAN**

S 28 T 10 R 21 <sup>E</sup><sub>W</sub>

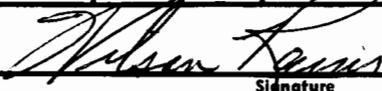
**WELL LOG**

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	DEPTH
DST #1- 3480-3534, 30(30)60(30), rec 410' slightly oil cut mud, 120' oil cut mud, 210' heavy oil cut mud, 90' slightly oil cut muddy water, 830' total fluid, IFP 156-270, FFP 302-416, ISIP 1193#, FSIP 1130#, IHSP 1858#, FHSP 1837#.			ANHYDRITE	1696(-526)
			HEEBNER	3455(-1233)
			TORONTO	3479(-1257)
			LANSING	3495(-1273)
			B/KS.CITY	3729(-1507)
			MARMATON	3742(-1520)
			CONGLOMERATE	3784(-1562)
			ARBUCKLE	3819(-1597)
			LOG TOTAL DEPTH	3833(-1611)
DST #2- 3543-3570, 30(30)60(90), weak steady blow rec. 125' very heavy oil cut mud, IFP 42-42#, FFP 52-62#, ISIP 675#, FSIP 716#, HP 1879-1868#.				
DST #3- 3575-83, 30(30)60(30), rec. 3' oil + 100' salt water, IFP 31-31#, FFP 42-62#, ISIP 593#, FSIP failed. HP 1879-1858#.				
DST #4- 3600-3644, 30(30)30(30), rec 15' mud, all pressures 21#.				
DST#5- 3645-3708, 30(30)60(30), rec. 20' mud, IFP 62-62#, FFP 73-73#, ISIP 1058#, FSIP 954#, HP 1973#-1962#.				
DST #6- 3779-3800, ( Conglomerate) 30 (30)30(30), rec. 10' mud, IFP 42-42#, FFP 42-42#, ISIP 42, FSIP 42#, IHP 2077#, FHP 2056#.				
DST#7- 3779-3820, 30(30)30(30), weak blow- died, rec 10' mud, IFP 51-51#, FFP 51-51#, ISIP 217#, FSIP 174#, IHP 2067#, FHP 2047#.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD

Date Received	
	Signature
	WILSON RAINS PRESIDENT
	Title
	8-6-80
	Date

7619L

15-065-21086

MAY 8 0 REC'D  
State Geological Survey  
WICHITA, BRANCH

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 28 T. 10S R. 21W

WELL NAME: Grecian #1

LOC. SW NW NW

COUNTY: Graham

RIG NO. #4

TOTAL DEPTH 3825'

ELEVATION 2217 GL 2222 KB

COMMENCED: 4-7-79

COMPLETED: 4-18-79

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 207' w/150 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: 5 1/2" @ 3828' w/135 sx. 50/50 poz., 10% salt, 3/4 of 1% CFR2.

LOG

(Figures Indicate Bottom of Formations)

Shale	219
Shale & Sand	1060
Shale & Redbed	1195
Sand	1365
Redbed & Shale	1522
Shale	2960
Shale & Lime	3145
Lime	3310
Lime & Shale	3435
Shale & Lime	3570
Lime	3825
<u>ROTARY TOTAL DEPTH</u>	<u>3825</u>

RECORDED  
APR 21 1979

STATE OF Kansas)

SS: