

**State Geological Survey
WICHITA, BRANCH**

15-015-21012
8-26-5E

KANSAS DRILLERS LOG

S. 8 T. 26 R. 5 E W

API No. 15 — 015 — 20 21,012
County Number

Loc. C S2 SW NE

County Butler

Operator
Midian Lease Account

Address P. O. Box 469 El Dorado, Ks. 67042

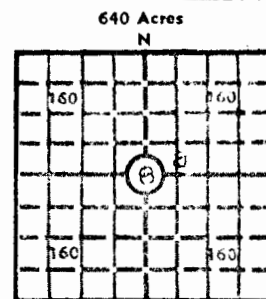
Well No. #5-A Lease Name Sigman

Footage Location
330' feet from (S) line 690 feet from (W) line NE 1/4

Principal Contractor White & Ellis Geologist D. Seebert

Spud Date 12-22-77 Total Depth 3000' P.B.T.D.

Date Completed 12-29-77 Oil Purchaser



Elev.: Gr. _____

DF. _____ KB 1262

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
<u>Surf</u>	<u>10"</u>	<u>8 5/8</u>	<u>28#</u>	<u>206'</u>	<u>Cementum</u>	<u>85</u>	<u>2% Cell</u>
<u>Oil String</u>	<u>7 7/8</u>	<u>5 1/2</u>	<u>14#</u>	<u>2510</u>	<u>"</u>	<u>60 + 450</u>	<u>4% Gel</u>

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at
<u>2 7/8 Fiberglass</u>	<u>1000'</u>	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>Acidized open hole 2510 to 3000' w/ 1000 gal 15%</u>	<u>2510 3000</u>

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		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

Midway Lease Acct

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

8-25-5E

Well No.

5A

Lease Name

SIGNED

SLEDGE

S 8 T 26 S R 5 E

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
cellar	0	7		
shale	7	561		
sh + LS	561	1070	Archie	2409
sh + LS	1070	1558	Regan	2950
sh + LS	1558	1743	Granite	
sh + LS	1743	2160	wech	2968
sh + LS	2160	2404	Granite	2982
shale	2404	2409		
lime	2409	2903		
lime shale	2903	2968		
Granite wech	2968	2982		
Granite	2982	3000		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Signature

Title

Date

OPERATOR: Midian Lease Account; Box 469; El Dorado, Kansas 67042

CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042

Lease Name Sigman Well No. 5-ASec. 8 T. 26S R. 5E Spot S/2 SW NECounty Butler State Kansas Elevation 1262 K.B.

Casing Record:

Surface: 8 5/8" 28# @ 206' with 85 Sxs.Production: 5 1/2" 14# @ 2510' with 60 Sxs.Perforated: 5 1/2" @ 2100' with 450 Sxs.Type Well: _____ Total Depth 3000' K.B.Drilling Commenced: 12-22-77 Drilling Completed 12-29-77

Formation	From	To	Tops	
Cellar	0	7	Arbuckle	2409
Shale	7	561	Reagan	2950
Shale & Lime (Stks)	561	1070	Granite Wash	2968
Shale & Lime	1070	1588	Granite	2982
Shale & Lime (Stks)	1588	1743		
Shale & Lime	1743	2160		
Shale & Lime (Stks)	2160	2404		
Shale	2404	2409		
Lime	2409	2903		
Lime & Shale	2903	2968		
Granite Wash	2968	2982		
Granite	2982	3000		

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record: