

KANSAS DRILLERS LOG

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

15-191-20737

API No. 15 — 191 — 20,737
County Number

Operator

Patrick Petroleum Corp.

Address

400 One Twenty Building Wichita, Kansas 67202

Well No.

#1

Lease Name

Neises

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

White & Ellis

Geologist

Kenneth W. Johnson

Spud Date

1/27/78

Total Depth

3550

P.B.T.D.

Date Completed

2/3/78

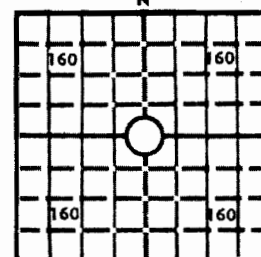
Oil Purchaser

S. 31 T. 31 R. 3 W

Loc. C SE SW

County Sumner

640 Acres



Locate well correctly

1588

Elev.: Gr.

DF KB 1343

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"		309'		225	

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

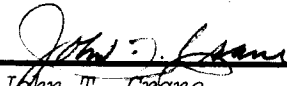
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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 <i>Patrick Petroleum Corporation</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:																																					
Well No. <i>1</i>	Lease Name <i>Neises</i>	<i>Dry Hole</i>																																					
S <u><i>3</i></u> T <u><i>31S</i></u> R <u><i>3W</i></u> ^E _W																																							
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																																				
<i>Electric Log Tops:</i> <table style="width: 100%; border: none;"> <tr><td style="width: 30%;"><i>Howard</i></td><td style="width: 10%; text-align: right;"><i>2097</i></td><td style="width: 10%; text-align: right;"><i>(- 754)</i></td></tr> <tr><td><i>Severy Shale</i></td><td style="text-align: right;"><i>2180</i></td><td style="text-align: right;"><i>(-837)</i></td></tr> <tr><td><i>Topeka</i></td><td style="text-align: right;"><i>2230</i></td><td style="text-align: right;"><i>(- 887)</i></td></tr> <tr><td><i>Heebner</i></td><td style="text-align: right;"><i>2626</i></td><td style="text-align: right;"><i>(-1283)</i></td></tr> <tr><td><i>Toronto</i></td><td style="text-align: right;"><i>2640</i></td><td style="text-align: right;"><i>(-1297)</i></td></tr> <tr><td><i>Douglas</i></td><td style="text-align: right;"><i>2657</i></td><td style="text-align: right;"><i>(-1314)</i></td></tr> <tr><td><i>Iatan</i></td><td style="text-align: right;"><i>2941</i></td><td style="text-align: right;"><i>(-1598)</i></td></tr> <tr><td><i>Stalnaker</i></td><td style="text-align: right;"><i>2986</i></td><td style="text-align: right;"><i>(-1643)</i></td></tr> <tr><td><i>Kansas City</i></td><td style="text-align: right;"><i>3255</i></td><td style="text-align: right;"><i>(-1912)</i></td></tr> <tr><td><i>Black Shale</i></td><td style="text-align: right;"><i>3386</i></td><td style="text-align: right;"><i>(-2043)</i></td></tr> <tr><td><i>B/Kansas City</i></td><td style="text-align: right;"><i>3499</i></td><td style="text-align: right;"><i>(-2156)</i></td></tr> <tr><td><i>LTD</i></td><td style="text-align: right;"><i>3551</i></td><td style="text-align: right;"><i>(-2208)</i></td></tr> </table> <i>No drill stem tests taken.</i>	<i>Howard</i>	<i>2097</i>	<i>(- 754)</i>	<i>Severy Shale</i>	<i>2180</i>	<i>(-837)</i>	<i>Topeka</i>	<i>2230</i>	<i>(- 887)</i>	<i>Heebner</i>	<i>2626</i>	<i>(-1283)</i>	<i>Toronto</i>	<i>2640</i>	<i>(-1297)</i>	<i>Douglas</i>	<i>2657</i>	<i>(-1314)</i>	<i>Iatan</i>	<i>2941</i>	<i>(-1598)</i>	<i>Stalnaker</i>	<i>2986</i>	<i>(-1643)</i>	<i>Kansas City</i>	<i>3255</i>	<i>(-1912)</i>	<i>Black Shale</i>	<i>3386</i>	<i>(-2043)</i>	<i>B/Kansas City</i>	<i>3499</i>	<i>(-2156)</i>	<i>LTD</i>	<i>3551</i>	<i>(-2208)</i>			
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USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																																							
Date Received	 <i>John T. Crane</i> <i>Division Manager</i>																																						

DRILLERS LOG

OPERATOR: Patrick Petroleum Company; P. O. Box 747; Jackson, Michigan 49204

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

Lease Name Neises Well No. 1

Sec. 3 T. 31S R. 3W Spot C SE SW

County Sumner State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 309' with 225 Sxs.

Production: _____ @ _____ with _____ Sxs.

Type Well: D & A Total Depth 3550' K.B. _____

Drilling Commenced: 1-26-78 Drilling Completed 2-3-78

Formation	From	To	Tops
Cellar	0	7	Kansas City 3252
Lime & Shale	7	2640	
Lime-Shale-Sand	2640	2790	
Lime & Shale	2790	2987	
Sand	2987	3056	
Shale	3056	3085	
Lime & Shale	3085	3200	
Shale	3200	3252	
Lime	3252	3497	
Shale & Lime	3497	3550	

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record:

Formation _____ Perforated Interval _____ Number Shots _____