

21-5-30W ✓

State Geological Survey
KANSAS DRILLERS LOG
WICHITA BRANCH

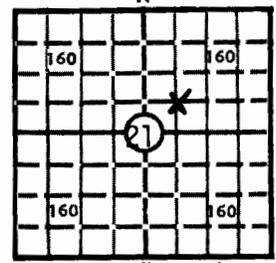
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 21 T. 5 R. 30 ^K W

Loc. SW NE

County Decatur

640 Acres
N



Locate well correctly

Elev.: Gr. 2878'

DF 2884' KB 2886'

API No. 15 — 039 — 20,301
County Number

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center Wichita, Kansas

Well No. #1 Lease Name Robertson

Footage Location
1980 feet from (N) 1/4 line 1980 feet from (E) 1/4 line

Principal Contractor Abercrombie Drilling, Inc. Geologist Charles Johnson

Spud Date March 24, 1975 Total Depth 4170' P.B.T.D.

Date Completed April 25, 1975 Oil Purchaser Koch Oil Company

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"		236'	Sunset	160	None
Production		4 1/2"	9 1/2#	4168.33'	50/50 Posmix	50	2% gel, 12 1/2# gilsonite/sack
					Common	150	2% gel, 10% salt 4# friction reducer

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		4114-4118
			8		4005-4012

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 Gal. Non-E	4114-4118
500 Gal. Non-E	4005-4012

INITIAL PRODUCTION

Date of first production May 5, 1975	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 105 bbls. Gas MCF Water 0 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4114-4118 & 4005-4012

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

Abercrombie Drilling, Inc.

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

Well No.

#1

Lease Name

ROBERTSON

Oil Well

S 21 T 5S R 30 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	DEPTH
Clay & Sand	0	153	ELECTRIC LOG	TOPS:
Shale & Shells	153	236		
Shale	236	1000	Anhydrite	2606
Sand	1000	1200	B/Anhydrite	2641
Shale	1200	1610	Heebner	3889
Sand	1610	1740	Toronto	3920
Shale	1740	2609	Lansing	3936
Anhydrite	2609	2644	B/Kansas City	4148
Shale & Lime	2644	2865	ELTD	4171
Shale	2865	3051		
Lime & Shale	3051	3815		
Shale & Lime	3815	3943		
Lime & Shale	3943	3982		
Lime	3982	4170		
Rotary Total Depth		4170		
<p>DST #1 (3897-3943) 30", 45", 30", 45". FFP's 0#-11#; IBHP 1287#; FBHP 1276#. Rec. 30' Mud.</p> <p>DST #2 (3943-3982) 30", 45", 45", 45". Strong blow. Rec. 185' SOSM, 1180' salt water. IFP 35#-473#; IBHP 1334#; FFP 485#-636#; FBHP 1322#. BHT 127°.</p> <p>DST #3 (3991-4036) 30", 45", 45", 45". Strong blow. IFP 35#-236#; IBHP 1357#; FFP 248#-379#; FBHP 1346#. Temp. 118°. Rec. 775' free oil (330) 180' OCM.</p> <p>DST #4 (4058-4096) 30", 45", 30", 45". Weak blow, died in 10". IFP 35#-35#; IBHP 47#; FFP 35#-35#; FBHP 35#. BHT 118°. Rec. 10' Mud.</p> <p>DST #5 (4095-4123) Straddle Packer 30", 45", 45", 45". Rec. 80' Free Oil (Grav. 390), 60' Heavy OCM. IFP 23#-35#; IBHP 1311#; FFP 47#-59#; FBHP 1287#.</p>				



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

Date Received

Jerry A. Langrehr
Executive Vice President

Signature

Title

May 12, 1975

Date

2-30m