15-109-20136

State Geological Survey
WICHITA BRANCH

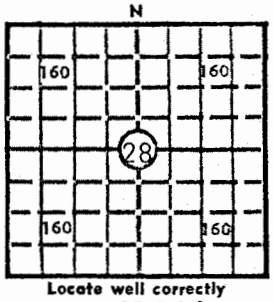
KANSAS DRILLERS LOG

S. 28 T. 11S R. 33W E W

Loc. C S/2 S/2 SE

County Logan

640 Acres
N



Locate well correctly

Elev.: Gr. 3103'

DF 3106' KB 3108'

API No. 15 — 109 (County) — 20,136 (Number)

Operator
A. L. Abercrombie, Inc. and Moble C. Hoover

Address
801 Union Center, Wichita, Kansas 67202

Well No.	Lease Name
5	Hubert

Footage Location
330' feet from XX (S) line 1320' feet from (E) XX (W) line

Principal Contractor	Geologist
Abercrombie Drilling, Inc.	Vic Reiserer

Spud Date	Total Depth	P.B.T.D.
August 08, 1979	4670'	4430'

Date Completed	Oil Purchaser
September 27, 1979	Murphy 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	12¼"	8-5/8"		287'	60/40 posmix	190	3% Ca.Cl. 2% gel.
Production	7-7/8"	4½"	10½#	4467'	50/50 posmix common	50 150	2% gel, 12½# gil sk salt sat., 2% gel. with friction reduce

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4		4247' - 4253'
4		4224' - 4230'
4		4273' - 4275'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons, 15% Non-E	4247' - 4253'
500 gallons, 15% Non-E	4224' - 4230'
500 gallons, 15% Non-E	4273' - 4275'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
State Test 9-27-79	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	160 bbls.	-- MCF	Trace bbls.	-- CFPB

Disposition of gas (vented, used on lease or sold): --

Producing interval(s): 4273-4275', 4247-4253' and 4224-4230'

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
A. L. Abercrombie Inc. & Moble C. Hoover	Oil
Well No. 5 — **Lease Name** Hubert	
S 28 T 11S R 33W E/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
Clay, Sand and shale	0	288
Shale and sand	288	2420
Shale	2420	2589
Anhydrite	2589	2614
Shale and lime	2614	2633
Shale	2633	3205
Lime and shale	3205	3419
Shale and lime	3419	3586
Lime and shale	3586	3730
Lime	3730	3765
Shale and lime	3765	3892
Lime and shale	3892	4045
Lime	4045	4670
Rotary Total Depth		4670

DST #1 (4106-4126') Strong blow.
Rec. 240' gip, 240' free oil at 39°, 180' mco - 63% oil, 15% water, 60' sw.
IFP 31-81, IBHP 1218, FFP 102-193, FBHP 1156. Temp. 109°

DST #2 (4174-4205') 30", 45" 60", 45"
Rec. 900' gip, 420' free oil, 300' smco
IFP 71-193, IBHP 1248, FFP 224-336, FBHP 1176.

DST #3 (4206-4236') 30", 45", 60", 45"
Rec. 2460' gip, 840' oil, 360' smo
IFP 71-265, IBHP 776, FFP 285-448, FBHP 766.

DST #4 (4232-4270') 30", 45", 60", 45"
GTS 45". Rec. 3240' oil, 42°.
IFP 224-766, IBHP 1269, FFP 797-1135, FBHP 1259.

DST #5 (4262-4285') 30", 45", 60", 45"
Rec. 500' gip, 70' gassy oil, 30' smo
IFP 31-42, IBHP 1063, FFP 51-67, FBHP 991.

DST #6 (4531-4590') 30", 30", 30", 30"
Rec. 20' mud. IFP 42-42, IBHP 42, FFP 42-42, FBHP 42.

NAME	DEPTH
SAMPLE TOPS:	
Anhydrite	2589'(+ 519)
B/Anhydrite	2614'(+ 494)
Heebner	3999'(- 891)
Toronto	4025'(- 917)
Lansing	4045'(- 937)
Marmaton	4354'(-1256)
Pawnee	4456'(-1348)
U. Cherokee	4504'(-1396)
Johnson Zone	4581'(-1473)
ELECTRIC LOG TOPS:	
Anhydrite	2584'(+ 524)
B/Anhydrite	2610'(+ 498)
Heebner	3998'(- 890)
Toronto	4021'(- 913)
Lansing	4044'(- 936)
Stark	4262'(-1154)
Marmaton	4353'(-1245)
Pawnee	4457'(-1349)
U. Cherokee	4503'(-1395)
L. Cherokee	4536'(-1428)
Johnson Zone	4571'(-1463)
Miss.	4619'(-1511)
L.T.D.	4670'
D.T.D.	4670'

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

Date Received

Jack L. Partridge
Signature

Jack L. Partridge, Asst. Sec.-Treas.
Title

October 5, 1979
Date

10274