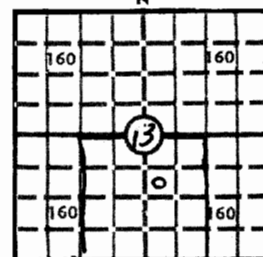


KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 065 — 20,636
County NumberS. 13 T. 9 R. 21 ~~E~~ W

Loc. NW SW SE

County Graham

640 Acres
N

Locate well correctly

Elev.: Gr. 2209

DF 2212 KB 2215

Operator

J. B. Collins

Address

Box 393

Plainville, Kansas

Well No.

#5

Lease Name

Frank Balthazor

Footage Location

1550' FSL
feet from (N) (S) line2310' FEL
feet from (E) (W) line

Principal Contractor

Red Tiger Drilling Co

Geologist

Roger Welty

Spud Date

11/3/73

Total Depth

3800

P.B.T.D.

Date Completed

11/11/73

Oil Purchaser

MOBIL

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 1/2"	8 5/8"	22#	200'	Allied	150	Com. 2% cc
production	7 7/8"	5 1/2"	17#	3799'	"	125	Salt Saturated

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	Jets 3/8"	3750 1/2 - 52
TUBING RECORD					
Size	Setting depth	Packer set at			
2 1/2"	3798'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. Reg 15%	3750 1/2 - 52

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
12/1/73	pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	24 bbls.	—	250 bbls.	—	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			3750 1/2 - 52'		

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 <u>J.B. Collins</u>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. <u>5</u>	Lease Name <u>Balthazor</u>	<u>oil</u>	
S <u>13</u> T <u>2</u> R <u>21</u> E <u>W</u>			
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
<u>Lansing-K.C.</u>	<u>3450</u>	<u>3688</u>	<u>Heebner</u> <u>Toronto</u> <u>3412</u> <u>3433</u>
<u>Arbuckle</u>	<u>3750</u>	<u>3800(TD)</u>	<u>Dresser Atlas</u> <u>GIN Log</u> <u>Cased hole.</u>
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received <u>12/23/14</u> RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS		Signature _____ Title _____ Date _____	