

State Geological Survey **KANSAS DRILLERS LOG**

API No. 15 — 125 — 21065
County Number

Operator
BMG, INC.

Address
1400 Metro Bank Bldg., 475 17th St., Denver, CO 80202

Well No. # 4-B Lease Name Smith

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor B & N Drilling Company Geologist Jim Jameson

Spud Date 9/27/76 Total Depth 1491' P.B.T.D.

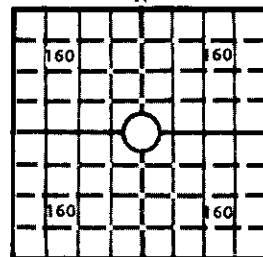
Date Completed 9/30/76 Oil Purchaser Mid-America Refining

S. 21 T. 31 R. 15 E

Loc. NW 1/4 SW 1/4

County Montgomery

640 Acres
N



Locate well correctly

Elev.: Gr. 871

DF KB

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 3/4"	7"		142	common	9	
Production	6 1/2"	4 1/2"		1484	common	140	
Enclosure:	Radioactivity log.						

LINER RECORD

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

Shots per ft.	Size & type	Depth interval
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TUBING RECORD

Size	Setting depth	Packer set at
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Open hole.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production 10/15/76 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS Oil 5 bbls. Gas TSTM MCF Water 2 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s) 1490-1491'

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 BMG, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. # 4-B	Lease Name Smith		Oil
S 21 T 31 R 15 E			
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
soil	0	8	
shale	8	40	
shale/lime	40	205	
lime/shale	205	220	
shale/lime	220	375	
lime/shale	375	400	
shale/lime	400	495	
lime/shale	495	538	
lime	538	565	
shale	565	688	
lime	688	705	
shale	705	766	
lime	766	804	
shale/lime	804	830	
shale	830	1185	
Miss. lime	1185	1200	
sandy lime	1200	1216	
lime	1216	1217	
sandy lime	1217	1219	
lime	1219	1454	
shale	1454	1460	
lime	1460	1464	
shale	1464	1484	
shale	1484	1486	
shale	1486	1486'6"	
Gr. sdy. lm.	1486'6"	1487'	
Gr. sdy. Lm.	1487	1488	
Br. lm. fine	1488	1488'6"	
Br. lm. fine	1488'6"	1490'3"	
Br. lm. course	1490'3"	1491	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Production Manager Title January 30, 1978 Date		

41-38-26