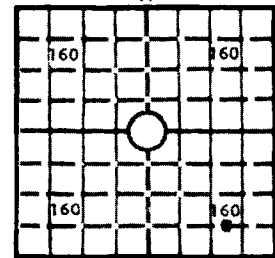


WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 167 — 21,403 ✓
County Number

S. 8 T. 14 R. 13 E. W

Loc. C W2 SE SE

County Russell

640 Acres
N

Locate well correctly

Elev.: Gr. 1866

DF KB 1871

Operator

F & B INVESTMENTS

Address

Box 366 Russell, Kansas 67665

Well No.

#1

Lease Name

Carter

Footage Location

660

feet from (N) (S) line

990

feet from (E) (W) line

Principal Contractor

EMPHASIS OIL OPERATION

Geologist

Francis Whisler

Spud Date

12-27-79

Date Completed

12-30-79

Total Depth

2565

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

Permian

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 $\frac{1}{4}$ "	8 5/8"	28	213'	Common	147	3% LC 2% Gel
OIL STRING	7 7/8	5 $\frac{1}{2}$ "	15 $\frac{1}{2}$	2564'	Common	125	10% Salt
PRODUCTION	2 7/8	2 $\frac{1}{2}$ "	6 $\frac{1}{2}$	2532			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			16	Jet	2408-12
TUBING RECORD			16	Jet	2432-36
Size	Setting depth	Packer set at	16	Jet	2494-98
2 7/8	2532	2482			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
20,000 Gelleo KCL Water Frac	2508-2

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
March 22, 1980	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	20 bbls.	MCF	110 bbls.		
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, 245 No. Water, Wichita, Kansas 67202. 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 F & B Investments P. O. Box 366 Russell, Kansas 67665		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 1	Lease Name Carter	Oil		
S <u>8</u> T <u>14</u> R <u>13</u> ^{NE} _W		C W2 SE SE Russell County		
WELL LOG <small>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.</small>		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.		
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
NO TEST			L-K Wireline	
Tarkio Sand	2408	12		
Second Sand	2432	36		
Third Sand	2494	98		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Signature</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Title</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Date</div>			