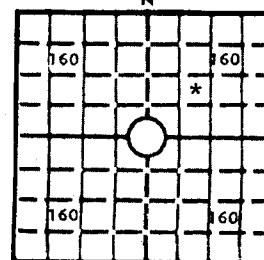


KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGState Geological Survey  
WICHITA BRANCHAPI No. 15 — 051 — 22,303  
County NumberS. 19 T. 13S R. 19W E  
Loc. 16' west of NE SW NE

County Ellis

640 Acres  
N

Locate well correctly

Elev.: Gr. 2147

DF 2149 KB 2152

Operator

Energy Reserves Group, Inc.

Address

925 Patton Road Great Bend Kansas

Well No.

12-A

Lease Name

Pfeifer

Footage Location

970

feet from ~~XX~~ (S) line

1660

feet from (E) ~~XX~~ line

Principal Contractor

Emphasis Oil Operations Rig #5

Geologist

Gerald B. Wehrli

Spud Date

2/17/81

Date Completed

2/27/81

Total Depth

3888

P.B.T.D.

Surface

Directional Deviation

Oil and/or Gas Purchaser

## 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	20	207	50/50 poz	140	3% CC 2% gel 1# Flocele/SX

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at			

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

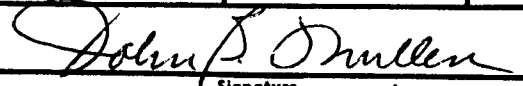
Amount and kind of material used

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 18 1981  
CONSERVATION DIVISION  
Wichita, Kansas

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
Dry Hole					
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
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 Energy Reserves Group, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 12-A	Lease Name Pfeifer	Dry Hole	
S 19 T 13S R 19W E W			
<b>WELL LOG</b> <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>		<small>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</small>	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
			DEPTH
DST #1 30"-60"-60"-120" Blow: Initial-fair blow to a strong blow off bottom in 15 min. Final-very weak blow to a strong blow off bottom in 25 min. Recovery: 186' of watery mud, 248' water IHP: 1850#, IF: 72-170, IC: 510#, FF: 206-313, FC: 501#, FHP: 1841#, BHT: 100° mud wt. 10 viscosity 40	3483	3567	LOG TOPS:  Anhydrite 1477(+675) Base Anhydrite 1518(+634) Topeka 3176(-1024) Heebner 3432(-1280) Toronto 3456(-1304) Lansing-KC 3478(-1326) Base-KC 3727(-1575) Marm. limestone 3748(-1596) Marm. chert 3805(-1653) Arbuckle 3843(-1691) Rotary T.D. 3888(-1736)
DST #2 30"-60"-60"-120" Blow: Initial-weak blow-died 15 min. flush tool-very weak blow died 8 min. Final-no blow-flushed tool-no blow Recovery: 25' of mud IHP: 1941#, IF: 63-45, IC: 671#, FF: 72-54 FC: 707#, FHP: 1932#, BHT: 112° mud wt. 9.8 viscosity 39	3647	3704	
RECEIVED STATE CORPORATION COMMISSION  MAY 18 1981  CONSERVATION DIVISION Wichita, Kansas			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">   _____  Signature  Kansas Dist Geologist  _____  Title  5-15-81  _____  Date </div>		