

KANSAS DRILLERS LOG

API No. 15 _____ County _____ Number _____

Operator

ENERGY RESERVES GROUP, INC.

Address

P. O. Box 1201, Wichita, KS 62701

Well No.

#7

Lease Name

PFEIFER

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

RAINS & WILLIAMSON

Geologist

J. R. GREEN

Spud Date

02/12/80

Total Depth

3874'

P.B.T.D.

Date Completed

02/25/80

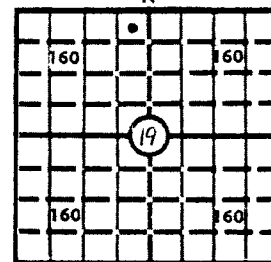
Oil Purchaser

S. 19 T. 13S R. 19W E W

Loc. NE NE NW

County ELIIS

640 Acres
N



Locate well correctly

Elev.: Gr. 2140'

DF 2142' KB 2145'

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		8-5/8"	24#	207'	50-50 poz	150	2% gel, 3% cc
		114 jts 5 1/2"	14#	3873'	50-50 poz	225	2% gel, 10% salt .75% CFR-2
					Lite Common	300 50	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3761-65'
			4		3669-73'
			4		3626-30'
			4		3499-3503'
			4		3447-51'


ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized Marm. chert perms w/350 gals. 15% Demud ac. 15% HCL w/MSS 2 Surfactant and NE-3 demulsifier. Disp. w/oil.	3761-65
Acidized L-KC "B" zone perms w/1000 gal. 15% NE ac.	3499-3503
Acidized Toronto w/1000 gals. 15% NE ac.	3447-51

INITIAL PRODUCTION

Date of first production 04/29/80	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 65 bbls. Gas -0- MCF Water 35 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) Toronto 3447-51 Lans/KC "B", "I" & "K" (B) 3499-3503

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 ENERGY RESERVES GROUP, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: OIL		
Well No. #7	Lease Name PFEIFER			
S 19 T 13 S R 19 W ^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	NAME	DEPTH
DST #1 3203-32 Topeka: 30-60-60-120. 1st opening weak blow; 2nd opening no blow. IFP 35-53, ISIP 1113, FFP 62-134, FSIP 1113. Rec. 200' MSW DST #2 MISRUN DST #3 3419-82 Toronto & L-KC "A" zone Weak blow building to medium blow throughout. Rec. 180' OCM, 70% mud, 30% oil. IF 27-53, ISIP 308, FF 53-88, FSIP 299. DST #4 L-KC "I", "J" & "K" zones 3618-80. 30-60-60-120. 700' GIP, 60' FOCM, 180' FMC0, 50% oil, 30% gas, 20% mud, 540' FMC0, 80% oil, 10% gas, 10% mud. 120' free oil, 60' MSW. DST #5 Marmaton 3738-75' 30-60-60-120 120' GIP, 300' FMC0, 50% oil, 35% mud, 10% gas. IFP 18-97, FFP 115-167, ISIP 1128, FSIP 1101.			ANHYDRITE	1468 (+677)
			BASE ANH.	1510 (+635)
			TOPEKA	3176 (-1031)
			HEEBNER	3424 (-1279)
			TORONTO	3446 (-1301)
			LANS/KC	3468 (-1323)
			BASE KC	3718 (-1573)
			MARM. PAY	3758 (-1613)
			ARBUCKLE	3868 (-1723)
			TD	3874 (-1729)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="text-align: right;">  JOHN B. MULLEN DISTRICT GEOLOGIST </div>			
	Signature Title JUNE 19, 1980 Date			

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