

WICHITA, BRANCH

KANSAS DRILLERS LOG

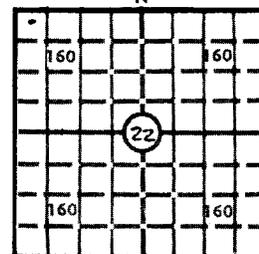
API No. 15 — Ellis —
County Number

S. 22 T. 13S R. 18W ^E/_W

Loc. C NW NW

County Ellis

640 Acres
N



Elev.: Gr. 2099

DF 2102 KB 2104

Operator Energy Reserves Group, Inc.

Address P. O. Box 1201, Wichita, Kansas 67201

Well No. 10 Lease Name M. Braun

Footage Location C NW NW
330' feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Rains & Williamson Geologist Don E. Moore

Spud Date 1-19-80 Total Depth 3662' P.B.T.D. 3625

Date Completed 2-17-80 Oil 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	24#	144'	50-50 poz	100	2% gel, 3% cc
Production		5 1/2	14#	3657'	50-50 poz common lite	215 50 260	2% gel, 10% salt .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		Topeka T3 3308-14'
TUBING RECORD					" T2 3295-98'
					" T1 3284-90'
Size	Setting depth	Packer set at			
5 1/2 AD-1	3268'	3268'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Ac. Topeka perms. w/4000 gals. 15% NE ac. in two 2000 gal. stages separated by a 400# slug of rock salt in 10 bbls. of gelled salt water.	same intervals as above

INITIAL PRODUCTION

Date of first production 2-6-80 Producing method (flowing, pumping, gas lift, etc.) POP

RATE OF PRODUCTION PER 24 HOURS	Oil <u>56 BOPD</u> bbls.	Gas <u> </u> MCF	Water <u>50 BWPD</u> bbls.	Gas-oil ratio <u> </u> CFPB
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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, 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. 10 Lease Name M. Braun

S 22 T 13 R 18 EX 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 3263-3346, Topeka 30-60-60-120. Rec. 640' GIP, 40' SOCM, 60' HOCCM and 240' MCO. IF 27-82, FF 91-137, ISIP 493#, FSIP 502#, temp. 100 deg. F			Anhydrite B Anhydrite Queen Hill Heebner Lansing B KC Arbuckle TD	1372 (+732) 1416 (+688) 3261 (-1157) 3344 (-1240) 3395 (-1291) 3631 (-1527) 3648 (-1544) 3653 (-1549)
DST #2 3420-65, L-KC "B" 30-60-60-120 Fair blow thru out. Rec. 30' GIP & 330' 0 speck GCM. IF 78-91, FF 128-197, ISIP 837# & FSIP 830#, temp. 99 deg.F.			RTD	3662'
DST #3 3465-3520' L-KC "C", "D" & "F" 30-60-60-120. Weak blow for 10" Rec. 625' GCW. IF 19-166, FF 166-322, ISIP 1029#, FSIP 1047#, temp. 100 deg. F				
DST #4 3630-62'. 30-60-60-120 Weak blow 1st opening, 2nd opening weak blow, dead in 10 min. Rec. 25' WM. IF 9-9, FF 19-19, ISIP 40, FSIP 40.				
Perf. Topeka T ₃ 3308-14', T ₂ 3295-98 & T ₁ 3284-90				
Ac. Topeka perfs (see front page)				
Producing from Topeka T ₃ 3308-14' T ₂ 3295-98' and T ₁ 3284-90' Treated w/4000 gals. 15% NE in two 2000 gal stages separated by 400# rock salt				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received _____
 Signature: *John S. Drullen*
 Title: *Geologist*
 Date: *Feb 20, 1980*