KANSAS

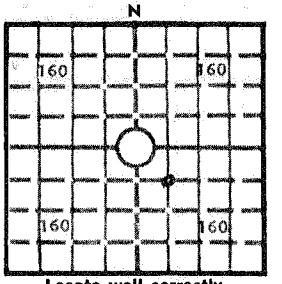
WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA, BRANCH

API No. 15 — 171 — 20,203
County Number

S. 18 T. 17S R. 31 E/W
Loc. C NW SE
County Scott

640 Acres
N



Locate well correctly
Elev.: Gr. 2961'
DF _____ KB _____

Operator			
RESOURCES INVESTMENT CORPORATION			
Address			
3500 Anaconda Tower, Denver, CO 80202			
Well No.	**Lease Name**		
#1	North Brookover Cattle Co.		
Footage Location			
2070 feet from (N) XXX line	1980 feet from XXX (W) line		
Principal Contractor		**Geologist**	
Rains & Williamson			
Spud Date	**Date Completed**	**Total Depth**	**P.B.T.D.**
2/12/81	2/19/81	4320'	
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 casing	12 1/4"	8 5/8"	23#	327'	60/40 Pozmix	235	2% gel, 3% $CaCl_2$
Plug @				1150'		70	
Plug @				300'		20	
Plug @				40'		10	
Rathole						5	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Resources Investment Corporation	Dry hole
Well No. #1 / **Lease Name** North Brookover Cattle Co.	
S 18 T 17S R 31 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: 3984-4065' Lansing "B", "C" & "D" IF: 30 min. w/storng blow to btm of bkt/83-281 ISI: 60 min./1048 FF: 60 min. w/strong blow to btm of bkt/354-624 FSIP: 120 min./1048 IH: 1920 FH: 1816 BHT: 115°F Pipe recovered 1426' muddy sw Sample chamber none			Shale Shale & Lime Lime & Shale Logs run: DIL-SP & FDC-CNL-GR-CAL	3305' 3480' 4320' from base of surface casing to TD.

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

Date Received	
	[signature] Signature Northern District Drilling & Production Manager Title 3/2/81 Date