

IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

15-163-20765

KANSAS DRILLERS LOG

S. 8 T. 10 R. 19 ^W
 Loc. SE SW SW
 County Rooks

API No. 15 — 163 — 20,765
 County Number

Operator
Resources Investment Corp.

Address
2080 First Of Denver Plaza Denver, Colo

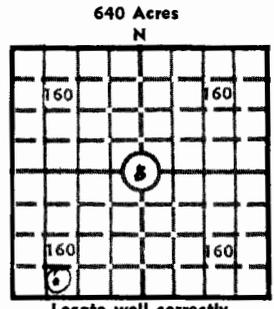
Well No. #2 Lease Name Dick

Footage Location
990' FWL & 330' FSL, Sec8-10S-19W
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Abercrombie Drilling Co. Geologist Calvin Noah

Spud Date 12-17-77 Total Depth 3825' P.B.T.D. n/a

Date Completed P&A'd 12-23-77 Oil Purchaser



Elev.: Gr. 2194'
 DF 2197' KB 2199'

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"	28#	220' KB	Common	185	3%CaCl, 2%gel

LINER RECORD

PERFORATION RECORD

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

Size	Setting depth	Packer set at
n/a		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
n/a	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
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, 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 Resources Investment Corporation DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 2 Lease Name Dick Dry Hole

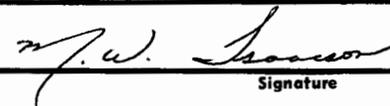
S 8 T 10 R 10 ~~W~~

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 PFP 30#/30" ISIP 846#/45" FFP 30#/30" FSIP 734#/45" Recovered 10' mud w/spots of oil	3600'	3658'	Lansing Arbuckle	3459' 3795'

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

Date Received	<div style="margin-bottom: 10px;">  _____ Signature </div> <div style="margin-bottom: 10px;"> _____ Title </div> <div style="margin-bottom: 10px;"> _____ Date </div>
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L262L

OPERATOR:	Resources Investment Corp.
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	Dick #2
LOCATION:	SE SW SW Section <u>8-10S-19W</u> Rooks County, Kansas
SPUD DATE:	December 17, 1977
COMPLETION DATE:	December 23, 1977

0	175	Shale & sand
175	221	Shale
221	1509	Sand & shale
1509	1608	Shale
1608	1650	Anhydrite
1650	2525	Shale
2525	3516	Lime & shale
3516	3825	Lime
	3825	Rotary Total Depth

Spud hole at 10:30 a.m., December 17, 1977. Cut 221' of 12¼" hole. Ran 7 joints of 8-5/8" - 28# surface casing. Set at 220' K.B. Cemented with 185 sacks common cement, 3% CaCl, 2% gel. Plug was down at 3:00 p.m., December 17, 1977. Cement did circulate.

T.D. 3825'. Set 1st plug at 660' with 70 sacks, 2nd plug at 215' with 20 sacks, 40' solid bridge with 10 sacks. Job was complete at 6:00 p.m., December 23, 1977.

SAMPLE TOPS:

Anhydrite	1608' (+591)
B/Anhydrite	1650' (+549)