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State Geological Survey
WICHITA, BRANCH

32-5-36W

KANSAS DRILLERS LOG

S. 32 T. 5S R. 36W^E

API No. 15 — 153 — 20,396
County Number

Loc. C W/2 SW SW

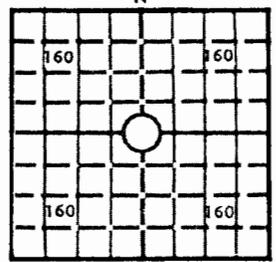
Operator
Thunderbird Drilling, Inc.

County Rawlins

Address
P.O. Box 18407- Wichita, Ks. 67218

640 Acres
N

Well No. 1 Lease Name Briney "C"



Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Thunderbird Drilling, Inc. Geologist Paul Montoia

Elev.: Gr. 3402

Spud Date 10/14/80 Total Depth 4742 P.B.T.D.

Date Completed Oil Purchaser DF KB 3407'

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 3/4	8 5/8"	24#	417'	com	300	2% gel, 3% cc.
Production		4 1/2"		4740		125	

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	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil 60 bbls.	Gas None MCF	Water None 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 trans-
mitted 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas
66044.

WDE-2-4c

Operator THUNDERBIRD DRILLING, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Briney "C"	Oil
S 32 T 5 R 36 (W)		

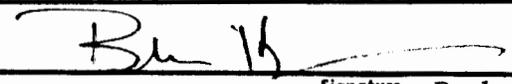
WELL LOG

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 /30-60-30-60, rec. 130' vsosm, FP 38-72# BHP 1279-1212#	4399	4430	<u>LOG TOPS</u>	
			Anhydrite	3094+ 313
			Topeka	4090- 683
DST #2 /30-60-30-60, rec. 2' oil, 90' ocm (7% oil) FP 28-67#, BHP 1250-1222#	4450	4478	Heebner	4228- 821
			LKC	4284- 877
			BKC	4561-1154
			Marmaton	4577-1170
DST #3 /30-30-30-30, rec. 65' ocm (9% oil) FP 57-67#, BHP 1279-1089#	4524	4560	Pawnee	4660-1253
			RTD	4740-1333
			LTD	4742-1335
DST #4 /45-45-45-45, rec. 365' GIP, 275' cgo, 240' mo, 60' msw, FP 67-289#, BHP 1013- 984#	4590	4609		
DST #5 /30-60-30-60, rec. 210' thin mud, FP 86-173#, BHP 395-328#	4609	4630		
DST #6 /45-45-45-45, rec. 1395' cln oil, 185' vhocm, FP 183-482#, BHP 492-482#	4642	4665		
<u>From</u> <u>To</u> <u>Description</u>				
0	417	Surface Hole		
417	2375	Shale		
2375	2594	Shale & Shells		
2594	2805	Shale		
2805	3018	Shale & Sand		
3018	3091	Shale & Shells		
3091	3135	Anhydrite		
3135	3230	Shale & Shells		
3230	3418	Shale & Lime		
3418	4740	Lime		
4740	R.T.D.			

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

Date Received	 _____ Signature Burke Krueger _____ Vice-President _____ Title _____ January 22, 1981 _____ Date
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