

**KANSAS DRILLERS LOG**

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

API No. 15 — 083 — 20,303  
 County Number

S. 10 T. 22 R. 24 <sup>K</sup>W

Loc. C NW NE

County Hodgeman

Operator  
Thunderbird Drilling, Inc.

Address Box 18407  
Wichita, Kansas

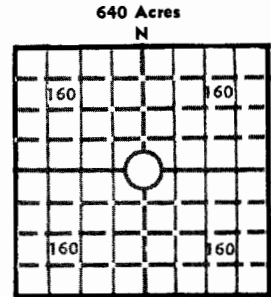
Well No. #1 Lease Name MacNair "C"

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

Principal Contractor Gabbert - Jones Geologist

Spud Date 5/22 Total Depth 4671 P.B.T.D.

Date Completed Oil Purchaser



Elev.: Gr. 2449

DF 2454 KB

**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
	8 3/8"			563'	common	285	3% cc 2% gel

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	5/8	

**TUBING RECORD**

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	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 Thunderbird Drilling, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name MacNair "C"

S 10 T 22 R 24 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.

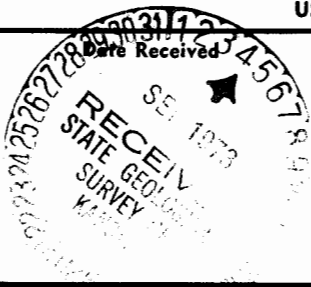
SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1, 4400-4500/90" Wk. blow Rec. 15' mud, FP 21-31, BHO 349-95/45"				
DST #2, 4553-4598, 90", Rec. 60' VHO CM 70' HO CM, FP 52-63, BHP 518-529/45"				
DST #3, 4602-4662, /90", Rec. 15' OCM FP 21-21, BHP 105-52/45"				
DST #4, 4674-95, Op 90", Rec. 5' mud, spot of oil, FP 10-10, BHP 21-10/45"				
DST #5, 4694-4705, op 90", Rec. 15' mud, FP 21-31, BHP 1079-880/45"				
DST #6, 4701-15, op 90", Rec. 15' thin mud, FP 10-12, BHP 798-632/45"				

**LOG TOPS:**

ANBY	1718
HEEB	3967
TOR	3992
LKC	4026
BKC	4396
MRM	4430
PAWN	4488
FT SC	4565
CHER	4592
MISS	4670
LTD	4744
RTD	4745

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



Signature \_\_\_\_\_  
 Title \_\_\_\_\_  
 Date \_\_\_\_\_