

State Geological Survey

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

13-6-36W

KANSAS DRILLERS LOG

S. 13 T. 6 R. 36 ^R/_W

API No. 15 — 193 — 20,178
County Number

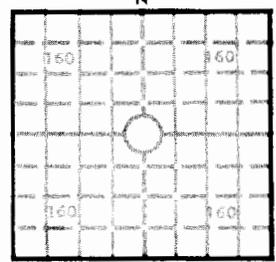
Loc. ~~SWSE~~ C NW SE

Operator
Thunderbird Drilling, Inc.

County Thomas

Address
P. O. Box 18407 Wichita, Kansas 67218

640 Acres
N



Locate well correctly

Well No. # 1 Lease Name Miller "V"

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

Principal Contractor Geologist
Thunderbird Drilling, Inc.

Spud Date Total Depth P.B.T.D.
11/26/78 4830

Elev.: Gr. _____

Date Completed Oil Purchaser
12/21/78

DF _____ KB 3339

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"		408'	com	300	2% gel, 3% cc.
Production		4 1/2"		4805		150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4555-4565
					4501-4508

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. MA	4555-4565
500 gal. MA	4501-4508

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>138</u> bbls.	Gas <u>None</u> MCF	Water <u>None</u> bbls.	Gas-oil ratio _____ 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 THUNDERBIRD DRILLING, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Miller "V"	Oil
S <u>13</u> T <u>6S</u> R <u>36W</u> ^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 #2 /45-45-45-45, rec. 720' thin md, FP 156-398#, BHP 1125-1090#	3850	4000	Anhydrite B/Anhydrite Tarkio Heebner	2960 + 379 2994 + 345 3852- 515 4143- 804
DST #2 /45-45-45-45, rec. 90' hocm, 240' mo, FP 52-138#, BHP 1263-1246#	4502	4517	Lansing BKC Marmaton Pawnee	4192- 853 4461-1122 4473-1134 4553-1214
DST #3 /45-45-45-45, rec. 425' GIP, 1500' m.o., FP 120-623#, BHP 1280-1263#	4515	4575	Cherokee Mississippian LTD RTD	4613-1274 4792-1453 4826-1487 4830
DST #4 /30-30-30-30, rec. 90' mud, FP 43-69# BHP 1246-1211#	4577	4600		
DST #5 /45-45-45-45, rec. 2310' sw, FP 623- 1003#, BHP 1038-1038#	4695	4718		

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

Date Received	
	_____ Signature
	_____ Title
	_____ Date

13-6-36W

State Geological Survey
WICHITA, BRANCH

DRILLERS LOG

Company Thunderbird Drilling, Inc.

Contractor Thunderbird Drilling, Inc.

Elevation 3339 K.B.

Farm MILLER "V"

Well No. 1

Casing 8 5/8" @ 408' w/300 sx

Location C NW SE
Sec. 13-6S-36W

Production 4½" @ 4805' w/150 sx

County Thomas

<u>From</u>	<u>To</u>	<u>Description</u>
0	408	Surface Hole
408	2460	Shale
2460	2685	Shale & Shells
2685	2945	Shale & Red bed
2945	2960	Shale
2960	2999	Anhydrite
2999	3270	Shale & Shells
3270	3727	Shale & Lime
3727	4010	Lime & Shale
4010	4830	Lime
4830	T.D.	