

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

S. 1 T. 12 R. 32 E
 W

API No. 15 — 109 — 20,049
 County Number

Loc. NW SE

County Logan

Operator
Thunderbird Drilling, Inc.

Address
Box 18407 Wichita, Kansas 67218

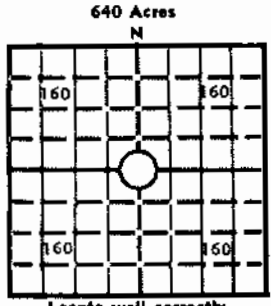
Well No. # 1 Lease Name Spiking

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

Principal Contractor Pickrell Drlg. Geologist Frosty Cox

Spud Date 10-20-75 Total Depth 4671 P.B.T.D.

Date Completed 10-30-75 Oil Purchaser



Elev.: Gr. _____

DF _____ KB 2983

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		8 5/8"		228	com	160	2% gel, 3% cacl

LINER RECORD

PERFORATION RECORD

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

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 **Spiking** Dry Hole

S ___ T ___ R ___ 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.

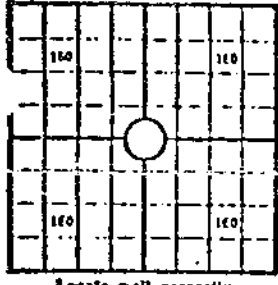
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
No tests			Anhydrite	2494
			B Anhydrite	2542
			Heebner	4002
			Toronto	4031
			Lansing	4050
			BKC	4339
			Marmaton	4363
			Pawnee	4461
			Fort Scott	4522
			Cherokee	4548
			Mississippi	4645
			RTD	4675
		LTD	4671	

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

Date Received	_____ Signature
	_____ Title
	_____ Date

1-12-32W

609 10000
78



Lease Name: SPIKING Well No. 1
 Well Located: NW SE Logan County
 SEC 1 TWP 12 RGE 32W
 Operator: THUNDERBIRD DRILLING
 Address: P.O. Box 18407 Wichita, Ks. 67218
 Elevation: Ground 2978 D.F. 2980 K.B. 2983
 Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: 10-20 1975 Drilling Completed: 10-30 1975
 Well Completed: 10-30 1975 Total Depth 4674
 Initial Production:

Casing Record

Size: 8 5/8 Set at 228' Size: Set at
 Size: Set at Size: Set at

Liner Record

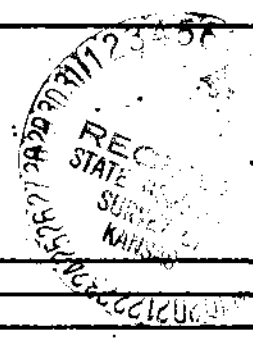
Size: Set from To

Cementing

Casing Size	Sacks	Type Cement and Additives
8 5/8	160	

Perforations

Formation	Perforated Interval and Number Shots



Electric Log Run (Show type log and depths covered)

(Fill in formation and related information on reverse side)

Show Drill Stem Tests,
Well Stimulation and
Production Tests

1-12-32w

ation	Top	Bottom
Surface clay	0	50
Sand	50	70
Shale	70	232
Shale	232	505
Shale	505	1510
Shale	1510	2011
Shale	2011	2112
Lime, shale, sand	2112	2400
Shale	2400	2494
Shale	2494	2542
Shale	2542	2690
Shale & Lime	2690	2915
Shale & Lime	2915	3135
Shale & Lime	3135	3245
Shale & Lime	3245	3410
Shale & Lime	3410	3460
Lime & Shale	3460	3575
Lime & Shale	3575	3685
Lime & Shale	3685	3780
Shale & Lime	3780	3935
Lime	3935	4030
Lime	4030	4090
Lime	4090	4150
Lime	4150	4205
Lime	4205	4260
Lime	4260	4310
Lime	4310	4355
Lime	4355	4417
Lime	4417	4440
Lime	4440	4495
Lime	4495	4537
Lime	4537	4560
Lime	4560	4618
Lime	4618	4645
Lime	4645	4665
Lime TD	4665	4674

107387

1-12-32w