3-35-22W

State Geological Survey
KANSAS DRILLERS LOG WICHITA, BRANCH

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

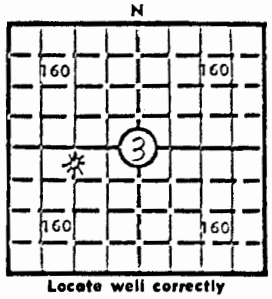
S. 3 T. 35 R. 22 E/W

API No. 15 — 025 (County) — 20,066 (Number)

Loc. ~~XXEXSW~~ C N/2 N/2 SW/4

County Clark

640 Acres
N



Locate well correctly

Elev.: Gr. 1904

DF 1909 KB 1911'

Operator
Robert L. Haynie

Address 4155 East Jewell Ave., Suite 802, Denver, Colorado 80222

Well No.	Lease Name
#4	Tuttle

Footage Location
2310 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor	Geologist
Thomas Drilling Company	Don G. Calvin

Spud Date	Total Depth	P.B.T.D.
7/29/74	5700'	Log T.D. 5703'

Date Completed	Oil Purchaser
10/3/74	SI Gas Well

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 Csg.	12 1/4"	8 5/8"	20#	651'	common	350	3% cal.chl.,2% gel
Intermediate		4 1/2"	9.5#	5637'			

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	5637'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2		5640-44'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated w/1500 gals. 15% acid	5640-44'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
SI Gas well	flowing

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)
	5640-44

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.

C-10-1973

Operator Robert L. Hayni[illegible]

03-35-22W

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

Well No.	Lease Name
4	Tuttle

S 3 T 35 R 22 E/W C N/2 N/2 SW/4

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

Electric Log Tops:

Heebner Shale	4329	(-2418)
Lansing-Kansas City	4546	(-2635)
Marmaton	5213	(-3302)
Cherokee	5373	(-3462)
Atoka-Morrow	5542	(-3631)
"A" Sand Zone	5629	(-3718)
"B" Sand Zone	5638	(-3747)
Chester	5658	(-3747)
LTD	5703	(-3792)

DST #1: 5585-5650'. Initial blow weak surging to strong with no gas to surface on the 15" preflow period. During 2nd opening, gas to surface in 2" (total 17"), gauging 124 MCFG which declined to 31.9 MCFG and building back to 47.2 MCFG. Shut in pressures were 1948#/60" to 1933#/60" final. Flow pressures were 75# initial and 60# final.

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

Date Received

RECEIVED
STATE GEOLOGICAL SURVEY OF KANSAS
1975

/s/ Robert L. Haynie
Signature

Owner
Title

10/8/74
Date