

State Geological Survey

WICHITA, BRANCH

KANSAS DRILLERS LOG

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

API No. 15 — 119 — 20,141
County Number

Operator

Amarex, Inc.

Address

200 North Harvey, Suite 200
Oklahoma City, Oklahoma 73102

Well No.

1

Lease Name

Hartshorne Unit

Footage Location

1980

feet from ~~4000~~ (S) line

1980

feet from ~~4000~~ (W) line

Principal Contractor

Rains and Williamson

Geologist

T. J. Graff

Spud Date

8-24-73

Total Depth

5600'

P.B.T.D.

4000'

Date Completed

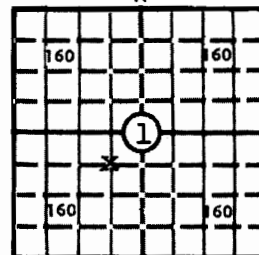
9-25-73

Oil Purchaser

S. 1 T. 31 R. 28 E W

Loc. C NE SW

County Meade

640 Acres
N

Locate well correctly

Elev.: Gr. 2536'

DF 2542' KB 2544'

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"	24#	1505	Halliburton Lite Wt.	550	2% CC
					Common	200	3% CC
Production	7 7/8"	4 1/2"	10 1/2#	4000'	50-50 Pozmix	200	10% salt, 10# Gils/sack 1/2 of 1% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2" jet	3866-3876'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8" OD	3800'	3800'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
NONE	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
NONE					
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

Amarex, Inc.

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

Well No.

1

Lease Name

Hartshorne

Dry Hole

S 1 T 31 R 28 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 Cores

No drill-stem tests

Shale

Anhydrite and Shale

Dolomite and Lime

Lime and Shale

Shale

Lime and Shale

Shale and sand

Lime and Shale

Lime

0

2000

2000

2600

2600

2950

2900

3910

3910

4030

4030

5237

5237

5290

5290

5350

5350

5600

Lansing

4335'

Marmaton

4806'

Cherokee

5034'

Morrow

5237'

Miss Chester

5290'

St. Gen.

5350'

St. Louis

5457'

Total Depth

5600'

Schlumberger Logs

Dual Induction

Compensated Neutron

Formation Density

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

Date Received

DEC 1973

RECEIVED
STATE GEOLOGICAL
SURVEY OF
KANSAS

Signature

Geologist

Title

November 28, 1973

Date