

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 121 — 20,285
County Number

Operator

Franz A. Aubrey

Address

XXX Route #1, Princeton, Kansas 66078

Well No.

#21

Lease Name

Hattie Phillips

Footage Location

660 feet from (N) line 2254 FSL; 1766 FEL - KCC
1155 feet from (W) line

Principal Contractor

L. O. Tenk

Geologist

Spud Date

7/2/75

Total Depth

716

P.B.T.D.

703

Date Completed

7/10/75

Oil Purchaser

Town Oil Co.

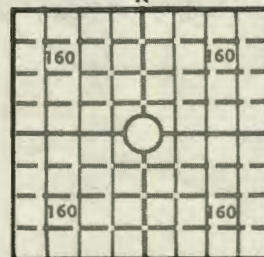
S. 14 T. 15 R. 21 E W

Loc. SE NE NW SE

County SW-KCC Miami

640 Acres

N



Locate well correctly

Elev.: Gr.

DF 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
Surface	9 5/8"	6 1/4"	28	12'	Common	4	None
Production	4 3/4"	2 3/8"	4.7	710'	Common	80	2% gel

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
1	1/2" Jet	667-675

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 lbs sand plus 125 bbls crude	667-675

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil 2 1/2 bbls.	Gas MCF	Water Trace bbls.	Gas-oil ratio	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.

WELL LOG

14-16-21E

Company: Franz A. Aubry
Princeton, Kansas

Lease: Hattie Phillips

Well: A-21

Contractor: L. O. Tenk
Ottawa, Kansas

Location: SE NE NW SE¹⁶
Sec 14-~~15~~-21E
Miami County, Kansas

Completed: July 10, 1975

Casing: 7 5/8" Set @ 12' w/4 sx
2 3/8" Set @ 710' w/80 sx

Total Depth: 716'

Thickness	Formation	Depth	Thickness	Formation	Depth
3	Top soil	3	15	Shale-bkn	649
6	Clay	9	1	Lime	650
14	Lime	23	7	Shale-blk	657
6	Shale	29	1	Lime	658
10	Lime	39	3	Shale	661
8	Shale	47	1	Lime	662
18	Lime	65	4	Shale-sdy	666
6	Shale	71	1	Sand-shly	667
5	Red beds	76	6	Sand-oil	673
8	Shale	84	3	Sand-lam-oil	676
2	Lime-sdy	86	2	Sand-shly	678
11	Shale	97	1	Sand-blk	679
17	Lime	114	5	Shale-sdy	684
2	Shale	116	17	Shale-gry	701
2	Lime-sdy	118	15	Shale-dark	716
10	Shale-sdy	128			
73	Shale	201			
17	Lime	218			
1	Shale-blk	219			
2	Lime	221			
31	Shale	252			
8	Lime	260			
31	Shale	291			
3	Lime	294			
6	Shale	300			
2	Lime	302			
16	Shale	318			
8	Lime	326			
2	Shale	328			
15	Lime	343			
58	Shale-blk	346			
24	Lime	372			
4	Shale	376			
4	Lime	380			
4	Shale	384			
6	Lime	390			
8	Shale-bkn	398			
7	Shale	405			
5	Shale-bkn	410			
91	Shale	501			
7	Shale-sdy	508			
7	Shale-bkn	515			
23	Shale	538			
4	Shale-sdy	542			
3	Shale	545			
6	Shale-bkn	551			
7	Lime	558			
31	Shale	589			
6	Lime	595			
7	Shale-bkn	601			
9	Shale	610			
4	Lime	614			
10	Shale-bkn	624			
2	Lime	626			
3	Shale	629			
2	Shale-bkn	631			
3	Lime	634			