

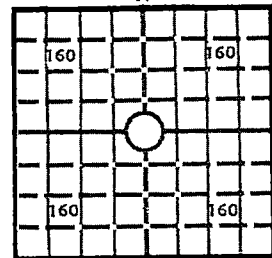
KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 - 035 - 22,718 State Geological Survey WICHITA, BRANCH

S. 36 T. 32 R. 4 E
Loc. 500' FNL 500' FNL
County COWLEY

Operator: H.H. BLAIR OIL CO. INC.
 Address: * BOX 138, ATLANTA, KS. 67008.
 Well No. 1-A Lease Name PIERCE
 Footage Location: 500 feet from (N) (S) line 500 feet from (E) (W) line
 Principal Contractor: WHITE AND ELLIS DRILLING, INC. Geologist: G.R. McNEISH
 Spud Date: 12-10-80 Date Completed: 1-8-81 Total Depth: 2707 P.B.T.D.: 2800
 Directional Deviation: 1 1/2° Oil and/or Gas Purchaser: TOTAL PETROLEUM



Elev.: Gr. 1253
DF KB 1258

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	10'	8 5/8"	23	215'	COMMON	90	SEE ATTACHMENT
PRODUCTION		5 1/2"	17	2532	COMMON	150 / (2) / 140 (2-STAGE)	SEE ATTACHMENT

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
250 10% mud ACID	2146

INITIAL PRODUCTION

Date of first production: 1-20-81
 Producing method (flowing, pumping, gas lift, etc.): FLOWING - PUMPING
 RATE OF PRODUCTION PER 24 HOURS: Oil 65 bbls. Gas MCF 10 bbls. Water 10 bbls. Gas-oil ratio CFPB
 Disposition of gas (vented, used on lease or sold): USED
 Producing interval(s): PERRY SAND

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, 245 No. Water, Wichita, Kansas 67202. 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 H.N. BLAIR OIL CO. INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-A	Lease Name PIERCE	OIL
36 T 32 R 4 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
HOWARD	1096			
TOPEKA	1237			
PEACOCK	1430			
LOWER PEACOCK	1489			
<hr/>				
HOOPER LIME	1695			
HOOPER SAND	1753			
LOWER HOOPER SAND	1806			
IATAN	1914			
STALMAKER	1954			
LANSING	2138			
PERRY	2146			
LAYTON	2383			
KANSAS CITY	2555			
BASE KC	2659			
<hr/>				
CLEVELAND	2676			
TOTAL DEPTH	2707			

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

Date Received	Signature <i>Tom [Signature]</i>
	Title PROD. MANAGER
	Date 3-19-81

36-32-4E

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

OPERATOR: BLAIR OIL CO., Route 1, Box 138, Altanta, Kansas 67008

CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042

Lease Name Pierce Well No. 1A

Sec. 36 T. 32S R. 4E Spot 400' FSL & 500' FNL NE/4

County Cowley State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 215' with _____ Sxs.

Production: _____ @ _____ with _____ Sxs.

Type Well: Oil Well Total Depth 2707'

Drilling Commenced: 1-4-81 Drilling Completed 1-9-81

Formation	From	To	Tops
Cellar	0	7	Layton - 2385
Shale, Lime, Sand	7	1235	Kansas City - 2655
Lime	1235	1285	
Shale, Lime	1285	1534	
Sand	1534	1560	
Shale, Lime	1560	1700	
Lime	1700	1755	
Sand, Shale	1755	1810	
Shale, Lime	1810	1961	
Sand	1961	1985	
Shale, Lime, Sand	1985	2210	
Shale, Lime	2210	2385	
Sand	2385	2415	
Sand, Shale	2415	2553	
Lime	2553	2655	
Shale, Sand	2655	2707	

RECORDED
FEB 24 1981
DIVISION
WICHITA, KANSAS

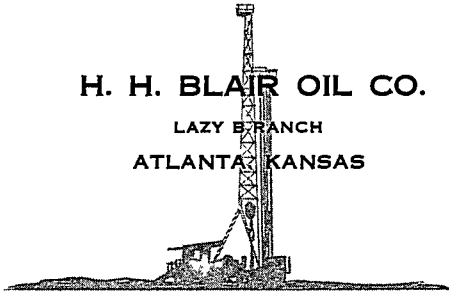
COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record:

Formation Perforated Interval Number Shots



36-32-4E
H-A Pierce

CEMENT ADDITIVE ATTACHMENT

○ SURFACE PIPE CEMENT

○ 1 SACK GEL

3 SX CALCIUM CHLORIDE

1 SACK HULLS

○ BULK
DRAYAGE

○ PRODUCTION STRING

○ 1st STAGE - 3 SX GEL

1400 lb. SALT

840 lb. GILSONITE

BULK
DRAYAGE

○ 2nd STAGE -

3 SX GEL

1500 lb. SALT

900 lb. GILSONITE

BULK - DRAYAGE