KANSAS

IMPORTANT
Kans. Geological Survey request samples from this well.
State Geological Survey
WICHITA, BRANCH

13-3-34W

WELL COMPLETION REPORT AND DRILLER'S LOG

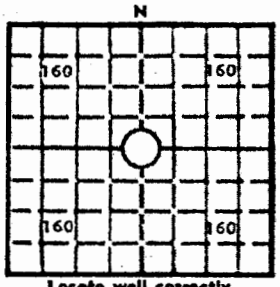
S. 13 T. 3 R. 34 E/W

Loc. A SE SE NW

County Rawlins

API No. 15 — 153 (County) — 20,411 (Number)

640 Acres
N



Locate well correctly

Elev.: Gr. 2948'

DF _____ KB 2953'

Operator	
Empire Drilling Co.	
Address	
1750 Vickers KSB&T Bldg. Wichita, Kansas 67202	
Well No.	**Lease Name**
#1	Lankas
Footage Location	
2200 feet from (N) XSX line	2200 feet from XEX (W) line
Principal Contractor	**Geologist**
Murfin Drilling	Vic Reiserer
Spud Date	**Date Completed**	**Total Depth**	**P.B.T.D.**
2-26-81	3-7-81	4150'	
Directional Deviation	**Oil and/or Gas Purchaser**
	DRY HOLE

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	12¼	8 5/8	24#	129'	60-40POZ	225	No Gel, 3%CC

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

RECEIVED
STATE CORPORATION COMMISSION
APR
CONSERVATION DIVISION
Wichita, Kansas

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
				8[illegible]

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, 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.

C-10-1972

Operator: Empire Drilling Company

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

Well No.: 1 | Lease Name: Lankas

13 T 3S R 34 XX 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
Sand & Clay		55
Shale		129
Shale & Sand		2675
Anhydrite		2717
Shale & Shells		3795
Shale & Lime		3990
Shale		4063
Shale & Lime		4150
DST #1 3910-39		
Weak blow 12" 30-30-30-30		
Rec. 360' mud, Packer slid		
IFP 306#, FFP 306#, ISIP 428#, FSIP 387#		
DST #2 3936-85		
Weak blow 35" 45-45-45-45		
Rec. 10' mud oil spots		
IFP 76#, FFP 81#, ISIP 1146#, FSIP 1012#		
Core #1 through #4		
See attached core descriptions		

NAME	DEPTH
SAMPLE LOG TOPS:	
Anhydrite	2675
Base Anhydrite	2717
Neva	3245
Red Eagle	3316
Foraker	3381
Topeka	3658
Deer Creek	3744
Lansing	3864
B Zone	3904
C Zone	3969
D Zone	4011
E Zone	4056
G Zone	4081
Base Kansas City	4140
RTD	4150

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

Date Received

J. E. Rakaskas
Signature

Operations Manager
Title

April 7, 1981
Date

129882

13-3-34W

13-3-34W

EMPIRE DRILLING #1 Lankas
Rawlins County, ~~Nebr.~~ KS

13-3-34W

CORE DESCRIPTION

Core #1 3810-3839 Full recovery

3810-18	LS. DSE. F. X. SL. SHY.
3818-19	LS. PT. FOSIL. P. VUG. & FR. BL. O.
3819-23	LS. DSE.
3823-25	LS. F. X. PT. FOSIL. SCAT. VUG. POROSITY 1 FR. BU. O.
3825-29	LS. DSE.
3829-30	SH. DR. GRY. 7" OF SH.
3830-33	LS. DSE.
3833-34	LS. F. VUG. & 1FR. BU. O. (1" VUG)
3834-39	LS. DSE.

Core #2 3965-3985 Full recovery

3965-69	SH. RED
3969-72	LS. PT. FOSIL. THIN SH. LAM. P. VUG. POROSITY BU. O.
3972-85	LS. SH. LAM.

EMPIRE DRILLING #1 Lankas
Rawlins County, Nebr.

Core #3 4005-4025 Full recovery

4005-11	SH. RED
4011-18	LS. GRY. SH. LAM.
4018-24	LS. F. X. DSE.
4024-25	LS. SHY.

Core #4 4047-4063 Full recovery

4047-56	SH. RED
4056-63	LS. DSE. SH. LAM.

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STATE CORPORATION COMMISSION
APR - 8 1
CONSERVATION DIVISION
Wichita, Kansas