

State Geological Survey
WICHITA BRANCH

Side TWO

OPERATOR Miller Bros. Prod. Co. LEASE NAME H. Voigts SEC 8 TWP 14 RGE 22 (E) ~~XXX~~WELL NO 17

FILL IN WELL INFORMATION AS REQUIRED:

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
☒ Check if no Drill Stem Tests Run.				
☐ Check if samples sent Geological Survey.				
Soil and Clay	0	11		
Shale	11	18		
Lime	18	22		
Shale	22	25		
Lime	25	26		
Shale	26	29		
Lime	29	40		
Shale	40	41		
Lime	41	43		
Shale	43	64		
Lime	64	91		
Shale	91	93		
Lime	93	136		
Shale	136	178		
Lime	178	190		
Shale	190	204		
Lime	204	211		
Shale	211	219		
Lime	219	246		
Shale	246	263		
Lime	263	265		
Shale	265	271		
Lime	271	280		
Shale	280	282		
Lime	282	299		
Shale	299	309		
Lime	309	326		
Shale	326	332		
Lime	332	339		
Shale	339	343		

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

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"	7"	16½	20'	Portland	10	
Production	6½	2½"	6½	846'	Portland	156	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	2" H.S.C.	810-815'

TUBING RECORD

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SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Miller Bros. Prod. Co. LEASE NAME H. Voigts #17 SEC. 8 TWP. 14 RGE. 22e

FILL IN WELL LOG AS REQUIRED:

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
Lime	343	349		
Shale	349	351		
Sand	351	355		
Shale	355	392		
Sandy Shale	392	403		
Sand	403	407		
Sandy Shale	407	437		
Shale	437	449		
Sandy Shale	449	493		
Shale	493	518		
Lime	518	534		
Shale	534	537		
Lime	537	541		
Sand	541	546		
Shale	546	560		
Lime	560	563		
Slate	563	567		
Shale	567	573		
Lime	573	585		
Shale	585	587		
Red Shale	587	591		
Shale	591	622		
Sand	622	626		
Sandy Shale	626	639		
Sand	639	646		
Sandy Shale	646	703		
Shale	703	738		
Sand	738	744		
Sandy Shale	744	748		
Shale	748	759		
Sand	759	766		
Sandy Shale	766	809		
Lime	809	810		
Hard Sand	810	812		
Oil Sand	812	818		
Shale	818	857		
Sandy Shale	857	861		
Shale	861	907		
		T/D		

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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
5000# Gel Water Frac		810-815'	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)	
5-21-84		Gravity 19	
Estimated Production-I.P.	Oil 5 bbls.	Gas MCF 50 % 5 bbls.	Water Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)		Perforations 810-815'	
Used on Lease			