

19-7-~~W~~W

ACQ-1 WELL HISTORY

WICHITA BRANCH

Amount and kind of material used				Depth interval treated			
None.				2500' to 2600'			
2600' to 2700'				2700' to 2800'			
2800' to 2900'				2900' to 3000'			
3000' to 3100'				3100' to 3200'			
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity			
6-18-82		Pumping		25°			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water		% no water	Gas-oil ratio
90		bbls.	MCF	%		bbls.	CFPS
Disposition of gas (vented, used on lease or sold)				Perforations			

W 51-5-M

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Liberty Enterprises, Inc. LEASE Liebenau #7 SEC. 19 TWP. 7S RGE. 17W

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
sand and shale	0'	121'		
shale	121'	140'		
shale and sand	140'	700'		
sand and shale	700'	921'		
sand and shale	921'	1198'		
anhydrite	1198'	1210'	Anhydrite	1200 (+559)
anhydrite	1210'	1225'	Topeka	2677 (-918)
lime and shale	1225'	1452'	Heebner	2888 (-11)
shale and lime	1452'	1938'	Toronto	2913 (-1154)
shale and lime	1938'	2175'	Lansing	2934 (-1175)
lime-shale	2175'	2262'	Base	3160 (-1401)
lime and shale	2262'	2304'	Arbuckle	3245 (-1486)
lime and shale	2304'	2545'		
lime and shale	2545'	2602'		
lime and shale	2602'	2716'		
lime and shale	2716'	2878'		
lime and shale	2878'	2978'		
lime and shale	2978'	3078'		
lime and shale	3078'	3185'		
lime and shale	3185'	3225'		
lime and shale	3225'	3235'		
lime and shale	3235'	3245'		
arbuckle	3245'	3290'		
lime and shale	3290'	3325'		
	3325'	R.T.D.		
No drillstem tests.				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used) XXXXX

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor String	17 1/4"	13 3/8"	52#	112'	common	125	3%cc, 2%gel
Surface String	12 1/4"	8 5/8"	23#	1209'	common 60-40 poz	75 375	3%cc, 2%gel
Production	7 7/8"	5 1/2"	15.5#	3324'	R.F.C.	175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 per 1'		3246-3254
TUBING RECORD					
Size	Setting depth	Packer set at			
2 7/8"	3289'				