

Operator Name Union Pacific Resources Company Lease Name..... Sutor "A" Well #..... 17

Sec..... 1 Twp..... 10S Rge..... 20 East West County..... Rooks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Sand & Shale	0	246
Shale	246	526
Shale & Sand	526	1125
Sand	1125	1338
Shale	1338	1650
Anhydrite	1650	1686
Shale	1686	1909
Shale & Red Beds	1909	2211
Shale & Lime	2211	3135
Lime & Shale	3135	3340
Lime	3340	3597
Lime & Shale	3597	3660
Lime	3660	3900

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24	242	Quickset	200	
Production	7-7/8"	5-1/2"	14	3899	50-50 Poz Litewt	250 400	18% salt 5% Gilsonite/sk
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	U. Arbuckle 3758-60'; 3766-68'; 3772-74'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
2-10-87		2-7/8"		3774'			
Producing Method		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
96 Bbls		- MCF		233 Bbls	- CFPB	28.5°	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) Upper Arbuckle..
 Used on Lease Dually Completed Commingled 3758 - 3774'