



SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Beach B Well # 2

Sec. 22 Twp. 11<sup>S</sup> Rge. 17  East  West County Ellis

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

No DST's Taken

Zones of Interest:

LKC C 3154 - 3158 16%  $\phi$  44% SW  
 Arbuckle 3413 - 3144 18%  $\phi$  31% SW

Name	Top	Bottom
Topeka	2834	
Heebner	3071	
Toronto	3091	
LKC	3116	
BKC	3352	
Marmaton	3361	
Conglomerate	3372	
Arbuckle	3413	
DTD	3500	
LTD	3498	

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 $\frac{1}{2}$	8 5/8	24	269	Class A	150	3%CC 2%gel
Production	7 7/8	5 $\frac{1}{2}$	14	3500	Class A	150	Surfill
(Circ 50 sks to surface on 2nd stage)			Stg. Tool	@1162	Liteweight	300	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3414 - 3418			100 gal 15% HCL			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
2-21-86		<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		
	13.7 Bbls	MCF	175 Bbls	CFPB	30		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3414 - 3418  
 Used on Lease  
 None  Dually Completed  Commingled