



**SIDE TWO**

Operator Name H&C Oil Operating & Fossil Associates Lease Name Waller Well # 1  
 Sec. 3 Twp. 7S 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

DST #1 & #2 3320'-3345' Oread  
 Missruns Tool Trouble

DST #3 3435'-3463' Kansas City C  
 3435'-3463' 30-60-120-60 Rec. 280' Gas  
 in pipe 200" Clean Gassy Oil 60' Mud  
 Cut Oil IFP-41/72 ISIP 1102 FFP 51/103  
 FSIP 1061 HP 1747-1696

DST #4 3549'-3585' Kansas City I&J  
 15-60-60-60 Rec. 1320' Gas in Pipe  
 1100' Clean Gassy Oil IFP 93/228  
 ISIP 672 FFP 134/363 FSIP 651 HP 1819-  
 1727

DST #5 3250'-3260' Arbuckle  
 30-60-120-60 Rec. 245' Clean Gassy Oil  
 180' Gas in pipe 60' Mud Cut Oil  
 IFP 62/103 FFP 82/134 ISIP 723 FSIP 466  
 HP 1901-1881

Formation Description		
Name	Top	Bottom
Anhydrite	1760'	1794'
Topeka	3168'	
Oread	3321'	
Heebner	3372'	
Toronto	3395'	
Lansing KC	3410'	3609'
Arbuckle	3645'	

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"	23#	341'	Common	225	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	17#	3649'	Surefill	150	Mudsweep
					50/50 Pps	350	10% Gel

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	Open Hole	250 Gal 15% INS	3663
4	3572-78	3000 Gal 15% INS	3578
4	3557-62	2500 Gal 15% INS	3562
4	3489-93	2000 Gal 15% INS	3489
4	3446-52	3000 Gal 15% INS	3452

<b>TUBING RECORD</b>	Size 2-7/8"	Set At 3660'	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 9-5-85	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)
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Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	350 Bbls	0 MCF	0 Bbls	CFPB	

**METHOD OF COMPLETION** Production Interval

Disposition of gas:  Vented  Sold  Used on Lease

Open Hole  Other (Specify) .....

Perforation  Dually Completed  Commingled