

W & W PRODUCTION COMPANY

FEDERAL ID # 48-0843238

OPERATOR LICENSE 5491

1150 HIGHWAY 39, CHANUTE, KANSAS 66720

PHONE: HOME/OFFICE: 620-431-4137, MOBILE: 620-431-5970

March 21, 2002

TWM PRODUCTION COMPANY

1150 HIGHWAY 39

CHANUTE, KANSAS 66720

CANNON A LEASE WELL # 12

SEC. 22, TWN. 26S, RANGE 18E,

ALLEN COUNTY KANSAS

API 15-001-28,945-00-00

14'	LIME	0-14	85'	SHALE	820 - 905
24'	SHALE	14-38			
12'	LIME	38-50			
30'	SHALE	50-80	20'	OF 6-1/4 SURFACE CEMENTED TO	
10'	LIME	80-90		TOP	
15'	SHALE	90-105			
71'	LIME	105-176			
6'	SHALE	176-182		2-7/8" CASING CEMENTED TO	
1'	COAL	182-183		TOP W/170 SACKS	
8'	SHALE	183-191		OF CEMENT	✓
46'	LIME	191-237			
1	COAL	237-238			
22'	LIME	238-260			
152'	SHALE	260-412			
34'	LIME	412-446			
90'	SHALE	446-536			
5'	LIME	536-541			
1'	COAL	541-542			
17'	LIME	542-559			
1'	SHALE	559-560			
8'	LIME	560-568			
11'	SHALE	568-579			
20'	LIME	579-599			
5'	SHALE	599-604			
7'	LIME	604-611			
120'	SHALE	611-731			
3'	COAL	731-734			
21'	SHALE	734-755			
2'	OIL SAND	755-757			
1'	SHALE	757-758			
6'	OIL	758-764			
19'	SHALE	764-793			
28'	OIL	793-820			

PERFORATE 809.5 TO 819