

# WELL RECORD

**12-28-17E**

WELL No.:     D 21     FARM; Willis OPERATOR; B.P.T.

LOCATION;     12 - 28S - 17E    

ELEVATION: \_\_\_\_\_ STATE: Kansas COUNTY: Neosho

DRILLING CONTRACTOR: Circle W Drilling Inc. RIG #: 2

PRODUCTION FORMATION: \_\_\_\_\_ TOP: \_\_\_\_\_ BOTTOM: \_\_\_\_\_

PERFORATED: \_\_\_\_\_

TOTAL DEPTH: 975' HOLE SIZE: 6 1/2"

CASING DETAILS: 47' of 7" surface casing.

PUMP EQUIPMENT: \_\_\_\_\_

RODS & PUMP: \_\_\_\_\_

Thick ness	FORMATION	Depth	Thick ness	FORMATION	Depth
8'	Soil & Clay	8'	58'	Shale	789'
30'	Shale	38'	10'	Sand & Shale	801'
4'	Lime	42'	117'	Sand mixed with Shale-odour	918'
22'	Shale	64'	2'	Coal	920'
11'	Lime	75'	12'	Dark Shale	932'
4'	Shale	79'		Sandy Shale	975'
3'	Lime	82'			
67'	Shale	149'			
3'	Lime	152'			
2'	Shale	154'			
80'	Lime	234'			
33'	Shale	247'			
84'	Lime	331'			
80'	Shale	411'			
12'	Lime	423'			
9'	Shale	432'			
53'	Lime	485'			
35'	Sandy Shale	520'			
46'	Lime	566'			
37'	Shale	603'			
34'	Lime	637'			
22'	Soft Lime	659'			
65'	Shale	724'			
3'	Coal	727'			
4'	Sandstone	731'			