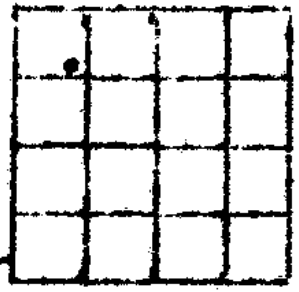
County Jackson



sec. 17 T. 49 R. 32

Owner Hulse; Christopher & Bradford

Elev. 906 MGS# 4189

Farm Wilson, Mrs. M. No. 3 TD 735 Shows gas* Spls. ✓

Status _____ Date Completed 9-13-35 Fm@TD U. Warsaw

Remarks: *prod.- 465M gas

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THE

Oil and Gas Resources

of

CASS AND JACKSON COUNTIES MISSOURI

by

JOSEPH R. CLAIR

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1943

MISSOURI
GEOLOGICAL SURVEY AND WATER RESOURCES

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DIRECTOR AND STATE GEOLOGIST
ROLLA, MISSOURI

Log of Hulse, Christopher and Bradford, Mrs. M. Wilson No. 3. Location: Sec. 17, T. 49, R. 32. Elevation: 906. Map No. 115.

Stratum	*Thickness feet*	*Depth feet*	
Quaternary series:			
Soil	3	3	
Clay	27	30	
Pennsylvanian system:			
Kansas City group:			
Lime	1	31	
Shale	3	34	
Lime	17	51	Winterset.
Shale	2	53	
Lime	14	67	
Shale, black	3	70	
Lime	20	90	—Bethany Falls.
Gray shale	4	94	
Lime	1	95	
Shale	1	96	
Lime	12	108	—Hertha.
Pleasanton formation:			
Shale	1	109	
Lime	2	111	
Dark shale	5	116	
Light shale	9	125	
Dark shale—very muddy	24	149	
Lime	2	151	
Gray shale—very muddy	53	204	
Wayside sand—gas	11	215	
Gray shale	5	220	
Black shale	2	222	
Red bed	9	231	
Sand	12	243	
Gray shale	27	270	
Marmaton formation:			
Lime	4	274	
Dark shale	2	276	
Lime	3	279	
Gray shale	8	287	
Lime	5	292	
Sandy shale	3	295	
Sand, Peru—gas bubbles	7	302	
Black shale—gas bubbles	3	305	
Lime	6	311	—Lexington
Black shale—gas show, some water	9	320	"Cap Rock."
Light gray shale	18	338	
Lime	2	340	
Shale	3	343	
Lime	4	347	
Shale	10	357	
Lime	4	361	
Cherokee formation:			
Shale	3	364	
Black slate—gas showing	8	372	
Sand—Squirrel, gas 100,000	83	455	
Shale	2	457	
Lime	3	460	—Ardmore.
Dark shale	5	465	
Black slate—gas app. 50,000	6	471	
Lime	1	472	
Light sandy shale	11	483	
Lime	2	485	—Set 490′ of
Dark shale, muddy	7	492	4 7–8″.
Black shale	7	499	—Gas showing.
Lime	1	500	

Hulse, Christopher and Bradford, Mrs. M. Wilson No. 3—Continued.

Stratum	*Thickness feet*	*Depth feet*	
Black slate	12	512	Gas 68,000 cu. ft.
Lime	1	513	
Gray shale	19	532	
Gas sand	8	540	
Water sand	37	577	Water.
Lime ? (Siderite)	2	579	Burbank sand.
Water sand	31	610	
Dark sandy shale	15	625	
Black slate	10	635	
White sand	10	645	Hard—or limestone very much like water sand.
Dark gray shale	15	661	
Black slate	5	666	
Lite sandy shale	4	670	
Gray sandy shale	5	675	
Black slate	5	680	Mundick.
White shale sandy	15	695	
Gray sandy shale	37	732	
Mississippian system:			
Meramec group:			
Warsaw formation:			
Chert, dense to quartzose, some sand	3	735	

9–14–35. 20 minutes open 7″ Hg. in 2″ = 465,600.
Last 2′ showed water.