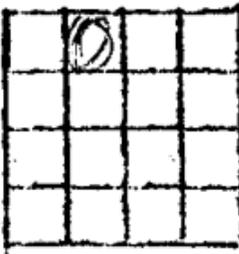


COUNTY Jackson



sec. 30 T. 49 R. 32

Owner Kansas City
House of Correction

Elev. 766 MGS#

Form No. TD 510 Shows Qty Splis. —

Status Date Completed — Fm@TD

Remarks: Aband. gas well

00189
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MISSOURI BUREAU OF GEOLOGY AND MINES

ROLLA, MO.

H. A. BUEHLER, Director and State Geologist

VOL. XIV, SECOND SERIES

The Geology of Jackson County



BY

WALTER EDWARD McCOURT

ASSISTED BY

M. Albertson and J. W. Benne

1917

4. RECORD OF WELL ON HOUSE OF CORRECTION GROUNDS.
(N. E. ¼, N. W. ¼, Sec. 30, T. 49 N., R. 32 W.)

Depth.		Thickness.		Depth.	
		Fl.	in.	Fl.	in.
	Pleistocene and Recent:				
	Earth	14	6	14	6
	Pennsylvanian:				
	Pleasanton formation:				
	Yellow shale	2	—	16	6
	Fire clay	35	—	51	6
	Limestone, hard	9	—	60	6
	Fire clay, light to dark	7	—	67	6
	Brown umber, good	4	6	72	—
	Sandy limestone, hard	2	—	74	—
	Limestone, hard	36	—	110	—
	Soapstone	6	—	116	—
	Henrietta formation:				
	Limestone, very hard	8	—	124	—
	Fire clay, dark, shaly	1	—	125	—
	Limestone	6	—	131	—
	Fire clay, dark	6	6	137	6
	Limestone	8	6	146	—
	Shale, light	5	—	151	—
	Shale, dark	6	—	157	—
	Sandstone	4	—	161	—
	Cherokee formation:				
	Black slate, with salt water	—	6	161	6
	Coal, first vein	1	6	163	—
	Fire clay	2	—	165	—
	Limestone	3	—	168	—
	Soapstone	17	—	185	—
	Sandy shells	1	—	186	—
	Black slate, iron pyrites with GAS (Pressure of gas 125 to 150 lbs.)	1	—	187	—
	Coal, 2nd vein, mixed with slate	4	—	191	—
	Fire clay	5	—	196	—
	Sandy shale	1	—	197	—
	Fire clay	4	9	201	9
	Slate, black	1	3	203	—
	Fire clay, light to dark	66	6	269	6
	Sandy shell, hard	1	—	270	6
	Black shale and soapstone	2	—	272	6
	Fire clay	33	—	305	6
	Black slate	—	6	306	—
	Coal, 3rd vein	1	—	307	—
	Sandstone, soft	1	—	308	—
	Sandstone, with partings of clay	6	—	314	—
	Fire clay	7	—	321	—
	Red rock	5	—	326	—
	Fire clay	2	—	328	—
	Soapstone, soft, blue	20	—	348	—
	Coal, 4th vein	—	6	348	6
	Fire clay	17	—	365	6
	Coal, 5th vein	—	2	365	8
	Fire clay	29	3	395	—
	Soapstone	4	—	399	—
	Fire clay	14	—	413	—
	Soapstone, dark	7	—	420	—
	Sandstone, soft, free	11	—	431	—
	Kaolin, sandy	10	—	441	—
	Sandy shale	4	—	445	—
	Fire clay, shaly	7	6	452	6
	Sandstone	17	—	469	6
	Fire clay, dark	30	6	500	—
	Shale, sandy	4	—	504	—
	Fire clay	4	—	508	—
	Shale, sandy crevice; salt water in crevice, strong brine, filled well to within 100 feet of top	2	—	510	—