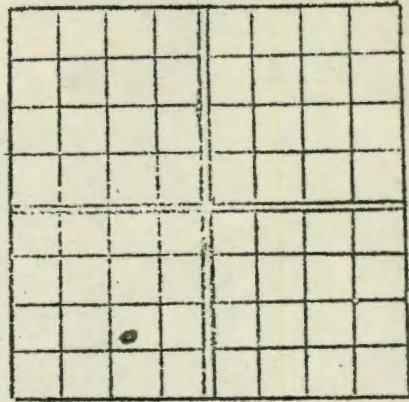


13-15-24E

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES  
 ROLLA, MISSOURI

COUNTY Johnson  
 COMPANY OR OWNER Bob McClary  
 FARM Fee WELL NO. 1  
 LOCATION SEC. 13 T. 15 R. 24  
 CONTRACTOR Cullum & Brown Dry Co  
 DRILLER Hugh Gorman TOOL DR. 0  
 COMMENCED \_\_\_\_\_ COMPLETED 7/6/1951  
 PRODUCTION D&A PLOTTED \_\_\_\_\_  
 CASING RECORD \_\_\_\_\_  
 WATER RECORD \_\_\_\_\_  
 SOURCE OF LOG Duller's report  
 REMARKS \_\_\_\_\_

LOG NUMBER \_\_\_\_\_



ELEV. \_\_\_\_\_  
 TOTAL DEPTH 720

FORMATION	: THICK.	: DEPTH:	FORMATION	: THICK.	: DEPTH
Surface	: 0	: 6			
lim broken	: 6	: 10	CL		
Shale dark	: 10	: 15	water		
Shale gray	: 15	: 27			
lim	: 27	: 49	Plattsburg		
Shale red & green	: 49	: 54			
Shale gray	: 54	: 69			
lim "	: 69	: 82	Fairly		
Shale "	: 82	: 91			
lim "	: 91	: 150			
Shale "	: 150	: 152	argents		
lim "	: 152	: 172			
Shale "	: 172	: 189	Ray		
lim	: 189	: 204	<del>192</del> 12/15		
limy shale	: 204	: 213			
Shale red	: 213	: 215			
Shale green	: 215	: 225			
Shale gray	: 225	: 229	12/15		
lim	: 229	: 235			
Shale gray	: 235	: 270			

Slate	284	284
1 mi	291	323
Slate	323	314
Slate	324	326
1 mi	326	346
Slate - multiple	346	348
1 mi	348	354
gray shale	354	357
1 mi	357	365
Slate - gray light	365	377
Slate gray	377	387
1 mi	387	394
Slate gray	394	411
Sandy slate gray	411	425
Slate gray	425	485
Slate green lumpy	485	505
Sandy limestone	505	508
Slate green	508	512
Slate gray	512	540
Red bed	540	551
Slate gray	551	553
1 mi	553	558
Slate D. gray	558	561
1 mi limestone	561	566
D. slate	566	569
Lumpy sand	569	572
1 mi	572	578
Sand shaly	578	586
Slate gray	586	593
1 mi	593	598
Slate sandy	598	616
Sandy limestone	616	621
Red bed	621	624
Slate gray	624	640

Slate black	640	642
Slate dark gray	642	674
Red bed	674	682
Slate gray	682	709
Sand	709	711
Sandy shale	711	720

1/6/57

Bob McCarty  
 Fee \$ 1  
 sec 13-15-24E  
 Johnson Co. Ia