County Clinton

sec. 28 twp. 56 rge. 30

owner Fell, et. al.

elev. 976 MGS# 11,880 spl ✓

farm Harper-Whitaker No. 1 TD 1760 fm@TD St. Peter shows os+g*

status _____ date completed comm 1-13-52

remarks: * max show - 1,800,000 cu. ft.

Producing 1968.?

00019

~~00013~~

Index: **5—Clinton County**
Name: **Fell et al No. 1 Harper-Whitaker**
Loc.: **C SE SW sec. 28, T. 56 N., R. 30 W.**
Elev.: **Surface 976 ft. *T.D.:* 1760 ft.**
Prod.: **D. & A. *Comp.:* 1-52**
Casing: **No data**
Log by: **S. Marinkovic** ***Contractor:*** **Ed Kemp** **Cable tools**

	Thickness	*Depth*
No samples	50	50
Pennsylvanian System		
Lansing-Kansas City gps.	162	212
Pleasanton gp	116	328
Marmaton gp.	107	435
Cherokee gp	470	905
Mississippian System		
St. Louis fm.	10	915
Spergen fm.	10	925
Warsaw fm	51	976
Keokuk-Burlington fms	144	1120
Chouteau gp.	75	1195
"Kinderhook shale"	39	1234
Sylamore fm.	1	1235
Devonian System		
Undifferentiated	290	1525
Ordovician System		
Kimmswick fm	142	1667
St. Peter fm	93	1760 T.D.

Northwest Missouri Oil and Gas Exploratory Logs

(1945 - 1963)

Compiled by

JACK WELLS and EARL McCRACKEN

INFORMATION CIRCULAR NO. 17

May, 1964

STATE OF MISSOURI
Department of Business and Administration

Division of
GEOLOGICAL SURVEY AND WATER RESOURCES
THOMAS R. BEVERIDGE, *State Geologist*
Rolla, Missouri

Clarence Fell
c/o Harry Harper
Turney, Missouri

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO. 11880

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SE-SW SEC. 28 T. 56 R. 30

CONTRACTOR Ed Kemp

DRILLER

COMMENCED 1/13/52 COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG Driller's original

ELEV. 976 PT

REMARKS

TOTAL DEPTH Drg. 1760

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Soil	2	2			
Yellow clay	39	41			
Clay & gravel	2	43	Set 12" drive pipe at 43		
Lime	5	48			
Shale blue	26	74			
Lime	1	75			
Shale green	8	83			
Red bed	1	84			
Shale gray	9	93			
Lime	4	97	SLM		
Shale dark gray	20	117			
Lime	7	124			
Shale	3	127			
Lime	2	129			
Shale dark gray	18	147			
Lime	6	153			
Shale	2	155			
Lime	7	162			
Shale	1	163			
Lime	9.5	172.5			
Shale-black slate	7	179.5	show of gas		
Lime	4.5	184			
Shale	1	185			
Lime	11	196			
Shale	1	197			
Lime	1	198			
Shale	2	200			
Lime hard	5	205			
Shale	1	206			
Lime	3	209	SLM 209		
Shale green	11	220			
Sandy shale	2	222			
Sand	11	233	gas 50,000 , later dropped to 42,000		

(OVER)

FORMATION	FROM:	TO:	
Shale lt. gray	7	240	
Shale dark gray	13	253	
Sand soft	6	259	show of gas
Shale sandy gray	31	290	
Shale gray	33	323	
Red bed	2	325	
Lime sandy	2	327	
Shale green			SLM 337½

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SE SW SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH Drg.

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Sent		327			
Shale green	79	346	SLM 337½		
Shale sandy	9	355	some gas		
Sand	11	366	gas		
Sand & shale	9	376			
Lime	7	381			
Sand	7	388	gas		
Sandy shale	3	391			
Lime	3	394	U Tube readings:		
Shale	5	399	@ 350 55,000		
Slate	1	400	366 198,000		
Shale gray "ringy"	16	416	375 253,000		
Shale dark gray "ringy"	9	925	382 500,000		
Lime	7	432	391 582,000		
Shale	1	433	460 1,574,000		
Lime	3	436			
Shale	2	438			
Sand			485-1/18		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH Drg.

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Sent		436			
Shale	2	438	SLM 437		
Sand	56	494	gas		
Shale sandy	11	505	water 480-494 5 B P Hr.		
Shale gray	21	526			
Lime	3	529	U Tube		
Slate	5	534	@ 550 1,800,000 cu. ft.		
Shale lt sandy	11	545	@ 645 1,652,000 " "		
Shale blue	5	550			
Red bed	3	553			
Shale gray	2	555			
Shale dark gray	4	559	SLM 560 8" connection		
Shale gray	17	576			
Red bed	19	597.5			
Shale green	2.5	600			
Sand shaley	2.5	602.5			
Shale gray	39.5	642			
Shale gray sandy	14	656	SLM 656		
Shale gray	24	680			
Sand	20	700			
Shale sand	3	703			
Shale dark gray	3	706			
Sand	22	728	Hole full water 710		
			SWL 200 ft.		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell & Reed

FARM

WELL NO.

LOCATION

SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED

COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Sent		728			
Shale	2	730			
Limey sand	2	732			
Shale sandy	16	748			
Sand shaley	35	783			
Hard shell sand	2	785			
Sand	55	840	HFW 810		
Shale gray sandy	13	853			
Sand	17	870			
Shale dark sandy	8	878	SLM 878 - connection 2 ft. short		
Shale dark gray	12	890			
Lime	1	891			
Shale dark gray	16	907			
Lime			HFW 955 to 965		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH ~~Drg.~~

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Sent					
Shale dark gray	12	890	)		
Lime	1	891	) duplicated		
Shale dark gray	16	907	)		
Lime	289	1196	HFW 955-965		
Shale dark gray	41	1235	HFW 1295		
Lime			(1305 2/27/52)		
			$5\frac{1}{2}$" set at 1215		
			Settled about 1215. Pulled and hole will be straight, reamed and set below water at 1295.		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH Drg.

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Sent		907			
Lime	289	1196	HFW 955 to 965		
Shale			Reset 7" @ 925		
			SLM 1132		
			Shut down at 1200 for casing		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Lime	1133	1308½	HFW 1295		
Lime & sand	1308½	1320	HFW 1305		
Lime	1320	1355			
			Resetting pipes 3/13		
Immediate report desired					
Is well in Silurian?					
Cutting shipped 3/13					

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED 4/2/52

PRODUCTION gas

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH 1672½

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Lime	1410	1668	Set 5½ @ 1322 (pulled)		
Sand	1668	1672½	HFW 1323		
		TD	SLM 1359 set 5½ (pulled)		
			HFW 1365		
			SLM @ 1465 = 1461½ (3½' short)		
			Set 5½		
			HFW 1480		
			Pulled 5½" at 1485		
			SLM @ 1600 no connection		
			1637½ - 1640 cavity or very soft - drilled past gummy residue in cuttings		

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO.

COMPANY OR OWNER Fell et al

FARM Harper-Whitaker WELL NO. 1

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR

DRILLER

COMMENCED COMPLETED April 1952

PRODUCTION

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV.

REMARKS

TOTAL DEPTH 1760

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Lime		1308½			
Sandy lime	1308½	1320			
Lime	1320	1668			
Sand	1668	1680	Run 2" and packed to 1675		
Lime	1680	1688	no gas or oil. Approx.		
Sand	1688	1715	2 bbls. WPH		
Sandy shale	1715	1723½			
Shale	1723½	1727			
Sand	1727	1755			
Lime	1755	1760	TD		