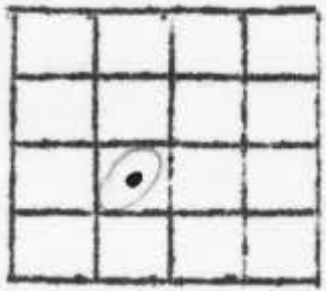
~~00017~~
00018

County Clinton  sec. 28 twp. 56 rge. 30

owner Fell, et. al. elev. 917.55 MGS# 12122 spl.

farm Harper No. 2 TD. 405 fm@TD Cher shows gas*

status _____ date completed 8-13-52

remarks: *total gas 1,540M ft³ after tubing set

~~Abandoned~~? Producing well 1968

Index: 4—Clinton County
Name: Fell et al. No. 2 Harper
Loc.: C NE SW sec. 28, T. 56 N., R. 30 W.
Elev.: Surface 917.6 ft. *T.D.:* 405 ft.
Prod.: Gas, 1,540,000 cu. ft. *Spud.:* 8-8-52 *Comp.:* 8-13-52
Casing: No data
Log by: S. Marinkovic *Contractor:* Cullum & Brown Drilling Company
Cable tools

	Thickness	*Depth*
No samples	80	80
Pennsylvanian System		
Kansas City gp	70	150
Pleasanton gp	115	265
Marmaton gp	107	372
Cherokee gp	33	405 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

OOG ~~E6~~

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

12122

COUNTY Clinton

M.G.S. LOG NO. Cuttings

COMPANY OR OWNER Fill et al

FARM Harper WELL NO. 2

LOCATION SEC. 28 T. 56 R. 30

CONTRACTOR Cullum & Brown Drg Co

DRILLER AE Judd

COMMENCED 8/5/52 COMPLETED 8/13/52

PRODUCTION 1,540,000 cuft saved

CASING RECORD in Squeeze

WATER RECORD

SOURCE OF LOG Drillers original

ELEV. 916.55 PT

REMARKS 62. SPLA. NO. RESI. MADE

TOTAL DEPTH 405 - ~~325~~

No samples below 390 due to gas pressure

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
Soil & clay	0	12	Stale light	150	161
Lime	12	15	Sand broken	161	173 oil show gas bubbles
Mud & lime gravel	15	22	Stale light	173	176
Stale light	22	30	Stale sandy	176	186
Lime	30	37	Sand	186	203
Stale gray	37	57	Gas 200,000 @		200
Lime brown	57	60	Broken sand	203	225
Stale gray	60	65	Sandy stale	225	235
Lime	65	68	Lime (Exline)	235	236
Stale gray	68	74	Stale gray	236	249
Lime	74	76	Sand	249	259 gas 140,000
Stale gray	76	83			
Lime (WS)	83	104	Gas bubbles @ 92		
Black slate	104	108	" " @ 106		
Gray stale	108	112			SLM 250
Lime (BF)	112	134	Gas bubbles @ 118		
Black slate	134	135	Oil show @ 120		~~64 set~~
Lime (Hertha)	135	150			~~267~~
SLM 150					~~SLM~~
					Cuttings

Sandy shale	259	267	set 6 1/4 267 SLM
Lime hard	267	270	
Shale green & red	270	282	
Lime	282	285	
Shale sandy	285	288	
Sand	288	290	Bubbles
"	290	300	"
"	300	305	gas 1.9" water in 2"
"	305	310	no increase
Lime hard	310	315	gas 2.1" water in 2"
" "	315	320	no increase total 500,000
Sand soft	320	325	
" "	325	332	
Lime hard (Lex)	332	336	SLM
Black slate	336	343	gas 400,000
Shale light	343	356	
Lime shells - black slate	356	360	
Shale gray	360	368	
Lime	368	372	
Shale sandy	372	386	
Sand (Squirrel)	386	405	
		TD SLM	

Total gas below 6 1/4 & above Squirrel 947,000

1,008,000 at 390
1205000 " 395
2054000 " 401
2398000 " 405
-947000 above Squirrel)

1,451,000 in Squirrel

packer to be set in lime 368-372

after tubing well gauged 1,540,000 cuft

8/13/52

CC:. F. C. Greene

O & G

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton

M.G.S. LOG NO. 12122

COMPANY OR OWNER Fell, et al.

FARM Harper WELL NO. 2

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

CONTRACTOR Cullum & Brown Drg. Co.

DRILLER A. E. Judd

COMMENCED 8/5/52 COMPLETED 8/13/52

PRODUCTION 1,540,000 cu. ft. saved in squirrel

CASING RECORD

WATER RECORD

SOURCE OF LOG

ELEV. 91,655 PT

REMARKS No samples saved below 390 due to gas pressure.
62 spls - no resid. made

TOTAL DEPTH 405

FORMATION	FROM: (ft.)	TO: (ft.)	FORMATION	FROM: (ft.)	TO: (ft.)
No samples	0	80			
Kansas City	80	150			
Pleasanton	150	265			
Marmaton	265	405			
		T.D.			
Driller's Log:					
Soil & clay	0	12			
Lime	12	15			
Mud & lime gravel	15	22			
Shale, light	22	30			
Lime	30	37			
Shale, gray	37	57			
Lime, brown	57	60			
Shale, gray	60	65			
Lime	65	68			
Shale, gray	68	74			
Lime	74	76			
Shale, gray	76	83			
Lime (WS)	83	104	Gas bubbles @ 92		
Black, slate	104	108	Gas bubbles @ 106		
Gray, shale	108	112			
Lime (BF)	112	134	Gas bubbles @ 118		
Black slate	134	135	Oil show @ 120		
Lime	135	150	SLM 150		
Shale, light	150	161			
Sand broken	161	173	oil show, gas bubbles		

FORMATION	FROM (FT)	TO (FT)	REMARKS
Shale, light	173	176	
Shale, sandy	176	186	
Sand	186	203	
Gas 200,000 @ 200			
Broken sand	203	225	
Sandy shale	225	235	
Lime	235	236	
Shale, gray	236	249	
Sand	249	259	Gas 140,000 SIM 250
Sandy shale	259	267	Set 6¼ SIM 267
Lime, hard	267	270	
Shale, green & red	270	282	
Lime	282	285	
Shale, sandy	285	288	
Sand	288	290	Bubbles
"	290	300	"
"	300	305	Gas 1.9" water in 2"
"	305	310	No increase
Lime, hard	310	315	
" "	315	320	
Sand, soft	320	325	Gas 2.1" water in 2"
" "	325	332	No increase total 500,000
Lime, hard (lex)	332	336	SIM
Black, slate	336	343	Gas 400,000
Shale, light	343	356	
Lime shells - black slate	356	360	
Shale, gray	360	368	
Lime	368	372	
Shale, sandy	372	386	
Sand (Squirrel)	386	405	
		T.D.	

TOTAL GAS BELOW 6 ¼ and above squirrel 947,000.

1,008,000 @ 390
1,205,000 @ 395
2,054,000 @ 401
2,398,000 @ 405
-947,000 above squirrel
1,451,000 Squirrel

Packer to be set in lime 368-372 - after tubing well gauged 1,540,000.

O+G

8-13-52

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES
ROLLA, MISSOURI

COUNTY Clinton M.G.S. LOG NO. 12,122.

COMPANY OR OWNER Falle et al

FARM Harper WELL NO. 2

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

CONTRACTOR Cullum + Brown Drlg Co.

DRILLER A.E. Judd.

COMMENCED 8-5-52 COMPLETED 8-13-52

PRODUCTION 1,540,000 cu ft. saved

CASING RECORD in squirrel

WATER RECORD

SOURCE OF LOG

ELEV. 916.55 Pt.

REMARKS No samples saved Below 390 due to Gas pressure 62 SPLS No. Resi Mod.

TOTAL DEPTH 405.

FORMATION	FROM: (feet)	TO: (feet)	FORMATION	FROM: (feet)	TO: (feet)
No Samples --	0	80			
Kansas City ---	80	150			
Pleasanton ----	150	265			
Marmaton ----	265	405			