

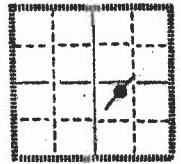
CASING RECORD

LOCATION 330' fr NL 990' fr WL SE $\frac{1}{4}$
NE $\frac{1}{4}$ of SE $\frac{1}{4}$

SEC 7 T 19 R 4E.

10" 1325
20" 8 1-4 2142
15 1-2 6 5-8 2326
12 1-2 923 5 3-16
TOTAL DEPTH 2425

FARM W.B. Ireland NO. 1 COUNTY Marion
COMPANY Phillips Petroleum Co.
CONTRACTOR Long Drilling Contr.
COMMENCED 5-7-28 COMPLETED 6-11-28
SHOT QUARTS BETWEEN
CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO



FIGURES INDICATE BOTTOM OF FORMATIONS.
REMARKS 7-21-28

ELEVATION
INITIAL PRODUCTION Dry hole.

Formation	Depth	Formation	Depth	Formation	Depth
lime shells wh sft	30	lime wh hard	967	shale dk sft	2172
shale blue soft	40	shale wh soft	970	lime wh hard	2192
shale blue soft	45	lime wh hard	980	shale dk sft	2200
lime wh hard	75	shale dark soft	990	slate wh sft	2210
shale blue soft	80	lime white hard	1005	lime wh hard	2215
lime white hard	95	shale dark soft	1055	slate wh sft	2225
shale blue soft	115	shale dark soft	1095	lime wh hd	2250
red rock red soft	130	lime wh hard	1100	shale wh sft	2263
lime wh hard	150	shale blue soft	1150	lime wh hd	2270
lime wh hard	200	shale dark soft	1185	lime shale white	
shale blue soft	205	caving.		soft	2280
lime wh hard	260	shale light soft	1225	lime wh hd	2300
red rock red soft	265	lime sand wh hard	1275	shale wh sft	2303
lime wh hard	270	sand wh soft HFW	1305	shale dk sft	2315
shale blue soft	307	shale wh soft 1280	1310	shale dk sft	2326
reduced at 307		shale blue soft	1321	6-5/8 2326	
lime white hard	314	1 BW 1235		lime brkn	2340
shale blue soft	326	lime white hard	1328	chat wh soft	2408
shale blue soft	336	shale white soft	1330	HFW	
lime white hard	365	shale dark soft	1335	shale and lime	
shale red soft	375	lime white hard	1365	green soft	2415
lime white hard	385	sand dark soft	1377	shale and lime	
shale grey soft	390	lime white hard	1387	green soft	2424
shale grey soft	420	slate blue soft	1405	lime wh hard	2425
lime white hard	430	slate blue soft	1410	TD 2425	
lime white hard	445	shale blue soft	1415	<u>Sand Record.</u>	
shale blue soft	455	lime white hard	1435	Top of sand	2337
lime white hard	470	slate blue soft	1440	top of gas sand	2337
shale blue soft	475	lime wh hard	1455	Top pay sand	none
lime white hard	495	shale dark soft	1465	top of 1st oil	none
red rock red soft	505	lime wh hard	1480	Bottom oil sand	240
shale blue soft	560	shale light soft	1510	TD 2425	
lime white hard	580	set 10" casing	1310		
shale blue soft	620	shale light soft	1530		
shale blue soft	625	lime white hard	1600		
lime wh hard	645	shale white soft	1630		
shale dark soft	660	2BW 1585			
lime white hard	680	shale white soft	1705		
shale blue soft	730	shale dark soft	1715		
shale blue soft	780	lime white hard	1725		
lime white hard	785	shale dark soft	1740		
shale blue soft	800	lime white hard	1750		
lime white hard	805	shale white soft	1790		
shale blue soft cave	820	3BW at 1935-1945			
shale dark soft	890	lime white hard	1875		
lime white hard	895	shale white soft	1880		
shale blue soft	925	lime white hard	1895		
set 12" cave	925	limestone wh hard	2140		
lime white hard	930	HFW 2080			
shale blk soft	942	limewhite hard	2167		
		UR 8 $\frac{1}{4}$ to 2114			