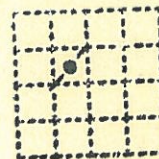


PHIL-HAN OIL CO. & HELMERICH & PAYNE, INC.
M. Miller No. 1

SEC. 11 T. 3 R. 19 W.
CSE NW

Total Depth. 3630
Comm. 5-6-42 Comp. 5-22-42
Shot or Treated.
Contractor.
Issued. 6-20-42

County Phillips.



CASING.

103/4" 300' cemented.

Elevation.

Production DRY

Figures Indicate Bottom of Formations.

surface clay	96
sand and surface rock	350
shale and shells	810
sand	825
shale and lime shells	855
sand and shale broken	1015
shale and shells	1125
sand	1200
shale and lime shells	1445
shale	1540
anhydrite	1580
shale and lime	1610
broken lime	2005
shale and shells	2170
lime	2220
shale and shells	2275
lime and shale	2395
broken lime	2500
lime	2530
broken lime	2770
shale and shells	2835
lime and shale	2930
shale and sand	2955
lime	3192
shale	3207
lime	3223
lime and chert	3276
lime	3316
lime K.C. strks of shale	3356
lime and chert	3376
lime	3396
shale and strks of	
lime	3430
shale and lime	3448
sdv shale and sand	3465
shale and lime	3550
shale and shells	3568
Arbuckle lime	3592
lime	3630

Total Depth.