

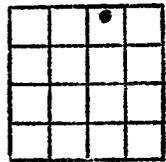
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- MALLONEE DRILLING CO.  
Farm- Catherine Block No. 1

SEC. 16 T. 13 R. 17W  
CN/2 NW NE

Total Depth. 3596'  
Comm. 3-21-56 Comp. 4-2-56  
Shot or Treated.  
Contractor. Murfin Drlg. Co.  
Issued. 5-26-56

County Ellis  
KANSAS



CASING:  
8 5/8" 124' ccm w/100 sx  
5 1/2" 3578' ccm w/125 sx

Elevation. 2017' DF

Production. 25 BOPD

Figures indicate Bottom of Formations.

shale, sand	65
shale	115
shale, shells	287
sand, shale, shells	360
shale, shells, sand	640
hard sand	730
sand	909
red bed	1000
red bed, shale	1254
anhydrite	1291
shale, shells	1640
salt, shale	1870
shale, shells	2065
shale, lime	2355
lime, shale	2667
shale, lime	3080
lime, shale	3215
lime	3300
lime, shale	3415
lime	3578
Arbuckle	3578
lime	3581 RTD
lime	3596
Total Depth	

Tops:  
Anhydrite 1254  
Heebner 3281  
Lansing 3325  
Arbuckle 3576

DST #1 3316-35', open 1/2 hr., shut in 15 min.  
weak blow for 7 min. Rec. 8' mud w/few specks  
oil. BHP 0#

DST #2 3335-70', open 1 hr., shut in 20 min.,  
good strong blow 1 hr., 380' gas in drill pipe.  
40' gas cut mud. 120' very heavy oil cut mud.  
120' froggy oil, 120' free oil; total fluid 400'.  
BHP 1040#.

DST #3 3375-3418', open 2 hrs., 300' fluid; 120' gas;  
180' froggy oil. 30' gas; BHP 900#

DST #4 3420-30', open 1 hr., 375' cl. oil; 3000' gas.  
BHP 1100#.