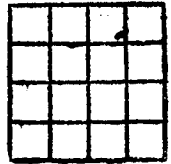


Company ~~BIRMINGHAM BARTLETT DRILLING~~  
 Farm- Nowak No. 2

SEC. 36 T. 13 R. 16W  
 SE NW NE

Total Depth. 3385'  
 Comm. 4-12-64 Comp. 4-19-64  
 Shot or Treated. Acidized w/100 gal. Frac. 3000 gal Jel.W & 3000# Sand  
 Contractor. Birmingham Bartlett Drlg,  
 Issued. 9-5-64

County Ellis  
 KANSAS



## CASING:

8 5/8" 237½' cem w/ 160 sx  
 5½" 3384' cem w/ 125 sx

Elevation. 1920' RB

Production. 25 BOPD / 26% Wtr

Figures Indicate Bottom of Formations.

clay & sand	100
shale	238
shale & shells	530
sand	640
shale & red bed	987
anhydrite	1027
shale & shells	1680
lime & shale	2225
shale & lime streaks	2415
shale & shells	2555
lime & shale	3012
lime	3282
lime & shale	3330
lime	3385 RTD
Total Depth	

## TOPS: LOG

Anhydrite	987
Ease anhydrite	1027
Heebner	3058
Toronto	3077
Lansing	3104
Conglomerate sand	3356
Arbuckle	3383

DST # 1 3091-3117 Op 30 min. Rec. 10'  
 mud IBHP 52# others 0

DST # 2 3144-96 Op 1 hr. Rec. 150' mud.  
 BHP 881#- 666#

DST #3 3342-70 Op 2 hrs. Rec. 160' muddy  
 oil, BHP 1012#-959# in 20 min. FPs 52#  
 -101#

DST # 4 3366-80 IP 1 hr. Rec. 60' mud,  
 10' oil cut mud. BHP 1066-966 20 min.  
 FPs 44#-73#.

MICT & Cleaned out to TD. Deepened 5' to  
 3390', no shows. Slot perforated 3366'.  
 Acidized w/100 gal. Frac. 3000 gal Jel.  
 W & 3000# sand. Tested 1 BO & 9 BWPH.  
 Squeezed DOC cement. 250 gal. acid, After  
 load test 2 BOPH\*\*

\*\*for 8 hrs, no wtr. Put on pump  
 State Potential 25 BOPD