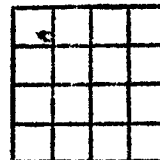


Company. ARTNELL COMPANY
Farm. E. Toland No. 2

28-24-13W
SEC. 23 T. 24 R. 13W
SE NW NW

Total Depth. 4180'
Comm. 12-1-58 Comp. 12-15-58
Shot or Treated.
Contractor. Leben Drlg.
Issued. 5-2-59

County Stafford
KANSAS



CASING:
8 5/8" 342' cem w/275 sx.
5" 3880

Elevation. 1933' RB

Production. 116 BOPD

Figures Indicate Bottom of Formations.

surface clay	25
sand	130
sand & red bed	349
red bed & shale	802
Anhydrite	340
shale & sand	1100
shale	1320
lime & shale	3330
lime	3575
shale & lime	3705
lime	3844
lime & shale	4037
lime	4155
lime & shale	4180 RTD
Total Depth	

TOPS:
Anhydrite (scout) 802
Heebner 3430
Brown Lime 3569
Lansing 3596
Base Kansas City 3860
Viola 3977
Simpson 4124
Arbuckle 4176

DST #1 3758-3783', op 1 hr, rec. 20' mud
Pressures 0#.

DST #2 3794-3815', op 90 mins, rec. 30'
mud ISIP 1000#/20 mins, FBHP 0#/20 mins.
IFP & FFP 0#.

DST #3 3816-3837', op 90 mins., rec. 34'
heavy oil cut mud, 60' muddy oil, 130'
froggy oil. ISIP 1370#/20 mins,
FBHP 945#/20 mins., IFP & FFP 0#.

DST #4 3823-3844', op 90 mins., rec. 70'
very heavy oil cut mud & muddy oil
190' muddy oil, FBHP 1100#/20 mins.
IFP 0#, FFP 60#.

DST #5 4170-4180', op 90 mins., rec. 36'
slightly oil cut mud, IFIP 510#/20 mins.
All other pressures 0#.