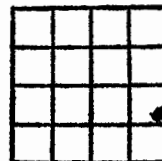


Total Depth. 4300' PB 4221'
 Comm. 8-4-59 Comp. 8-16-59
 Shot or Treated.
 Contractor. Claude Wentworth Drig.
 Issued. 1-16-60

County Rawlins
 KANSAS



Elevation. 3079' DF

Production. 1753 BOPD

CASING:

8 5/8" 450' cem w/300 sx.
 5 1/2" 4299' cem w/300 sx.

Figures Indicate Bottom of Formations.

surface soil & sand 70
 sand & shale 257
 shale 450
 shale 2914
 Anhydrite 2950
 shale & shells 3170
 lime & shale 3267
 sandy lime & shale 3683
 shale 3713
 lime, buff, medium crystalline
 & fossiliferous 3716
 lime 3750
 lime & shale 3861
 lime, white, finely crystal-
 line 3864
 shale & lime 3923
 lime, dark gray, crypto-
 crystalline 3925
 lime & shale 3973
 lime, gray, lighographic 3976
 lime 3986
 lime 4015
 lime, cream, finely crystalline 4020
 lime 4029
 lime 4161
 lime, cream, finely crystalline 4165
 lime 4180
 lime & shale 4300
 Total Depth
 Plugged back to 4221'

#3 4008-4029', op 1 hr., weak blow, dead in
 12 mins., rec. 10' of heavy oil cut mud,
 IBHP 1165#/30 mins., IFP 0#, FFP 0#, FBHP
 980#/30 mins.

#4 4140-4180', op 2 hrs., strong blow
 diminishing thruout, rec. 3400' clean gassy
 oil (37 gravity), no water. IBHP 1265#/30
 mins., IFP 390#, FFP 1180#, FBHP 1230#/30
 mins.

Casing Perf. #1 4163-4172 36 A-2 holes
 Casing Perf. #2 4136-4140' 16 A-2 holes
 Treatment #1 Acidized 4136-4140', 8/23/59
 by Halliburton, using 200 gals of acid &
 104 barrels of oil.

Casing Perf. #3 4028-4030' 8 A-2 holes
 4022½-4026' 14 A-2 holes

Casing Perf. #4 3988-3994' 24 A-2 holes
 Treatment #2 Acidized 3988-3994' 8/25/59
 by Halliburton, using 200 gals of acid &
 17 barrels treating oil.

Treatment #3 Acidized 4163-72' - 4136-40',
 3988-94', 8-29-59 by Halliburton, using
 2250 gals of acid & 60 barrels of oil.

Producing Formation: Lansing Lime
 Top 3988' Bottom 4172'

TOPS:

Stone Corral 2920
 Base Stone Corral 2957
 Chase 3068
 Council Grove 3335
 Admire 3604
 Topeka Lime 3775
 Heebner Shale 3918
 Leavenworth 3922
 Lansing Lime 3970
 Base Kansas City 4234
 Marmaton 4270

DRILL STEM TESTS:

#1 3703-3750', op 1 hr., weak blow dead
 in 6 mins., rec. 10' drilling mud, no
 oil. IBHP 1165#/30 mins. IFP 15#,
 FFP 45#, FBHP 1070#/30 mins.

#2 3969-3986', op 1 hr., weak blow, dead
 in 3 mins., rec. 5' drilling mud, IBHP
 15#/30 mins., IFP 0#, FFP 0#, FBHP 10#/
 30 mins.