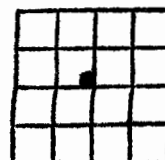


20-1-32W

County Rawlins
KANSASPBTD 4100'
Total Depth. 4510'Comm. 7-24-59
Shot or Treated.

Comp. 8-8-59

Contractor. Claude Wentworth Drilling Co.

Issued. 1-2-60

CASING:

8 5/8" 409' cem.w/300 sx.
5 1/2" 4466' cem. w/300 sx.

Elevation. 2969 DF

Production. 258 BOPD

Figures Indicate Bottom of Formations.

surface soil and clay	50
shale & sand	415
shale	1695
shale & lime	2160
shale	2305
shale & sand	2314
shale	2475
shale & red rock	2737
Anh.	2745
shale & shells	3406
shale & lime	3825
lime	4073
lime & shale	4102
lime	4117
lime & shale	4461
dolomite & lime	4510
Total Depth	
Ran Schlumberger Survey	
TOPS	
Council Grove	3151
Admire	3480
Topeka Lime	3725
Heebner	3842
Base Kansas City	4139
Marmaton	4172
Cherokee Shale	4294
Cherokee Sand	4365
Lower Cherokee Sand	4382
Arbuckle Lime	4452

Csg. Perf. 4061-4070' 36 A-2 hole
Acid Treatment No. 1 4061-4070'
500 Gal. and 108 Bbls. of oil.

DST #1 3810-3894' Open 2 hours, weak blow throughout test, Rec. 300' muddy salt water, no oil. IBHP-1250# in 30 min. IFP-80#, FFP-155#, FBHP-1155# in 30 min.

DST #2 3910-3933 Open one hour. No blow. Recovered 800' of drilling mud, no pressures, packer failed. Reran drill stem test from 3910-3933. Open one hour weak blow, died in one minute. Recovered 2' rotary mud, no oil. IBHP-540 lbs. in 30 minutes, IFP-0, FFP-0, FBHP-210 lbs. in 30 min.

Drill ST #3 4024-4073 Open 2 hours, good blow throughout. Recovered 1545' gassy oil. No water. Oil 35° gravity. IBHP-1270 lbs in 30 minutes, IFP-115 lbs FFP-570 lbs., FBHP-1075 in 30 min.

DST #4 4073-4117 Open one hour. Weak blow, died in 5 minutes. Recovered 10' slightly oil cut mud IBHP-1270# in 30 min. IFP-0#, FFP-0#, FBHP-1190# in 30 min.