

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

Company- JOHN W. MC KNAB DRILLING CO.
 Farm- John Brown No. 1

SEC. 35 T. 26 R. 13W
 NW NE SE

Total Depth. 4354 = 4357 RTD
 Comm. 2-20-55 Comp. 3-9-55
 Shot or Treated.
 Contractor. McKnab Drlg Co.
 Issued. 5-21-55

County Pratt

KANSAS



CASING:
 8 5/8" 479' cem w/300 sx
 5 1/2" 4352' cem w/150 sx

Elevation. 1938 K.F.

Production. 53 bbls

Figures indicate Bottom of Formations.

sand, shale, red rock	515	#3 3935-53 Fair diminishing blow, open 1 hr., rec. 420' gas in pipe & 30' slightly oil & gas cut mud. BHP 290#/20 mins.
sand, red bed	860	
shale, shells	1200	
shale, red bed	1240	
shale, shells	1655	#4 3963-85 Gas in 30 mins., open 1 hr., rec. 220' muddy, gassy wtr & 930' salt wtr. IF 120#, FF 330%, BHP 1060#/20 mins.
shale, lime	2070	
lime	2175	
shale, lime	3748	
lime	4240	#5 4208-40 Fair increasing to good blow, open 1 hr., rec. 40' mud w/few heavy black oil specks. 0 BHP/ 20"
sand	4285	
shale, lime	4333	
lime	4354	#6 4262-85 Weak steady blow, open 1 hr., Rec. 25' mud, slightly oil cut in top (trace fair oil cut mud in tool). 0 BHP/ 20 mins.
4354 drill pipe was strapped on the rack & tallied 4357. Thus:		
4354 =	5457	OIL SHOWS: Stain 3768-72
Total Depth		Stain 3775-80
		scattered residual
Tops:		stain 3836-39
Heebner	3554	Stain 3851-60
Toronto	3575	Heavy Stain 3896-3901
Douglas	3592	Uniform stain 3925-28
Brown lime	4716	Tr.free oil;stain 3935-42
Lansing	3741	Fr.stain & odor 3950-55
Base K. C.	4064	Stain 3964-68
Marmaton	4064	Lgt stain 3981-85
Cherty lime	4090	Some sponge-textured
Mississippian	4143	bubble gas & trace
Kinderhook	4160	oil. Stain 4208-40
Viola	4201	Stain 4270-81
Simpson	4242	Lgt free oil;Stain 4352-54
Arbuckle	4345	

Ran Schlumberger at T.D.

Zero---Kelly bushing, 3' above
 Derrick Floor.

Note: At 4354 the drill pipe was strapped on the reach & tallied 4357. Thus 4354 equals 4357. All sample determinations should be moved 3 ft. down the hole. This adjustment is felt to be reliable since the Schlumberger recorded most tops & porous zones one to three feet deeper than sample determinations. No correction has been made in this report simply to avoid confusion with data phoned in & already recorded.

DRILL STEM TESTS:

#1 3759-81 Fair blow thruout, open 1 hr. rec. 1440' gas in pipe, 90' heavily gas cut & slightly oil cut mud, BHP 225#/20 mins.

#2 3896-3920 Gas in 8 mins. not enough to gauge thru 2", open 1 hr., Rec. 960' oil & 150' muddy oil. IF 70#, FF 225#, BHP 1275# in 20 mins.