

30-255-13W

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 CENTRAL BUILDING  
 WICHITA, KANSAS

July 12, 1955

WELL REPORT

John McKnab Drilling, Inc. No. 1 McCandless  
 NE NW NE 30-25-13W Stafford County, Kans.

Zero-----kelly bushing, 3' above derrick floor  
 Elev. 1959 " "

77MO

Heebner	3526	(-1567)	
Toronto	3546		
Douglas	3565		No porous sands developed in Douglas section.
Brown Line	3682	(-1723)	
Lansing	3708	(-1749)	
Soft	3737-3744		Line, white, medium-coarse cryst., vuggy, rare pieces with slight discoloration--possibly gas stain. No odor, no free oil.
Soft	3760-3766		Line, gray-white, dense with scattered vugs or crevices of porosity. No stain.
Soft	3790-3792		Line, dove-gray, fine compact and earthy, very poor porosity, spotted dark residual stain. Not worthy of further consideration.
Soft	3796-3803		Line, white, chalky and cherty, no stain or odor.
<u>Stain</u>	3853-3855		Line, medium oolitic to oolitic, spotted fair stain, trace free oil. Note (this thin zone is represented in cuttings by such few tiny pieces that no odor was detected).
<u>Stain</u>	3871-3875		Line, sub-oolitic to fossiliferous scattered pieces poor-moderate porosity and stain. Also scattered pieces free calcite with oil stain which could represent fracture-lining material.
DST #1	3844-3880		Gas in 7 minutes, open 1 hour, recovered 640° clean oil and 360° froggy oil, no water. IF 110#, FF 300#, BHP 1160# in 20 minutes.
<u>Stain</u>	3884-3888		Line, finely oolitic and sucrose, good porosity, good show free oil, slight odor.
Soft	3898-3902		Line, white, coarsely oolitic and quite chalky, barren, no odor.

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DST #2	3884-3905		Weak blow for 15 minutes, open 1 hr., recovered 25° mud, trace oily mud in tool. Zero BHP in 20 minutes.
<u>Stain</u>	3923-3925		Lime, colitic and algal, very light stain. No free oil or odor.
Soft	3927-3936		Lime, cream-white chalky with some pin-hole porosity, no definite staining.
<u>Stain</u>	3958-3963		Lime, sub-colitic and collicastic, moderate porosity, light stain, no odor or free oil. (This zone was questionable as only traces of show could be found. However, scattered pieces show fair interoolite porosity and Schlumberger indicates it does have merit.) It is possible that thin streaks of this same material occurs 3964-3969 and should be studied carefully on electric log.
Base K. C.	3978		
Marmaton			
Cherty Lime	4027		
Mississippian	4080	(-2121)	
Soft and	4082-4092 4096-4105		Chert, amber-gray highly translucent, vitreous, trace with tiny solution vugs, scattered residual stain. No odor or free oil.
Kinderhook	4105	(-2146)	
	4105-4159		Shale, gray-drab, part smooth-textured and glossy.
Viola	4159	(-2200)	
Stain	4167-4172		Chert, gray-white, opaque, rare pieces with solution vugs, trace residual stain.
Stain	4182-4190		Chert, as above, slightly more de-vitrified, some live stain on chert surfaces.
DST #3	4168-4203		Fair steady blow, open 1 hr., recovered 75° slightly oil cut mud. IF 12#, PF 25#, BHP 385#/20 min.
Simpson	4281	(-2322)	
	4281-4289		Shale, gray-green, trace sandy shale.
Stain	4289-4296		Sand, medium-coarse grained, sub-rounded, fair porosity in partial dolomite matrix, fair stain and show free oil. Faint odor.
DST #4	4280-4297		Fair to good increasing blow, open 1½ hours, recovered 3500° gas in pipe, 200° oil and 60° heavily oil and gas cut mud. No water. IF zero, PF 60#, BHP 550#/20 min.

