

WAYNE E. WALCHER

*Consultant Geologist*CENTRAL BUILDING
WICHITA, KANSAS

December 30, 1949

GEOLOGICAL REPORTNational Associated Petroleum Co. No. 1 Proffitt
NE SW NW 30-20-9W, Rice County, Kansas.Zero ---- Drive Bushing, 2' above derrick floor.
Elev. 1706 " " ; 1704 " "

Topeka	2545	(-839)	
Soft	2596-2600		Lime, white, pin-hole porosity, no stain.
Soft	2674-2709		Lime, white, chalky compact, in part fossiliferous and cherty, fair porosity, no stain.
Soft	2720-26		Lime, cream to white, fine to medium cryst., fair porosity, no staining.
Soft	2734-40		As above.
Soft	2748-65		As above.
Soft	2774-82		Lime, cream, finely oolitic & sucrose, good porosity, no stain.
Heebner	2838	(-1132)	
Brown Lime	2968	(-1262)	
Lansing	3002	(-1296)	
Soft	3044-45		Lime, white, chalky to slightly sucrose, very poor porosity, trace very light spotted stain. No definite odor.
Soft	3051-52		Lime, white, fine cryst., to fossiliferous, occasional piece shows fair porosity, trace spotted light stain. No definite odor, no free oil.
Soft	3098-3102		Lime, buff, coarsely oolitic, good porosity, no staining or odor.
Base KC	3318		
Viola	3345	(-1639)	
Simpson Shale	3410	(-1704)	
" Sand	3421-29		Sand, gray, fine, very dolomitic & shaly, poor porosity, odor, few pieces show very light spotted staining.
DST	3423-36		Open 1/2 hour, recov. 10' rotary mud, no shows.
Arbuckle	3468	(-1762)	

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Soft	3471-77	Dolomite, cream to tan, oolitic, very good porosity, no odor, no rainbow or staining.
Soft	3481-85	Dolomite, buff to tan, medium cryst., fair vugular & inter-cryst. porosity, no odor or staining.
Soft	3488-93	Dolomite, light gray to white, very finely sucrose, fair to good porosity, no stain or odor.
Rotary TD	3500	Ran Schlumberger.

Structurally, this test ran 27' lower on top of the Lansing than a dry-hole 3/4 mile northeast and approximately 45' higher than dry-holes south and west, 2 miles away. However, on top of the Arbuckle at -1762, #1 Proffitt is 71' higher than the same dry-hole to the northeast. This irregularity is due to the #1 Proffitt having Pennsylvanian on Viola whereas the control well had Kinderhook on Viola.

When compared with a dry-hole 2 miles southwest, which is more nearly on strike, #1 Proffitt is about normal, being about 45' higher on all formations.