

Helmerich & Payne  
Nora Ray No 1 in 7-23-8  
Reno County Kansas

2015 - 2089 Lime  
2089 - 2150 "  
2150 - 2220 " and shale  
2220 - 2275 "  
2275 - 2340 "  
2340 - 2418 " and shale

Report dated 9-9-36

Fred Phillips

Helmerich & Payne  
Nora Ray No 1 in 7-23-8 .  
Reno County, Kansas

2704 - 2745	Lime
2745 - 2775	"
2775 - 2818	"
2818 - 2850	"
2850 - 2880	"
2880 - 2909	"
2909 - 2947	"
2947 - 2995	"
2995 - 3027	"
3027 - 3068	"
3067 - 3117	" & shale
3117 - 3160	" "

Telephone report from well:  
3220 - Top of Kansas City-Lansing

Date of report 9-15-36

Fred Phillips

Helmerich & Payne

Nora Ray No 1 in 7-23-8

Reno County, Kansas

3160 - 3195 Shale  
3195 - 3225 Shale  
3225 - 3235 Lime  
3235 - 3275 Lime  
3275 - 3302 Lime  
3302 - 3342 Lime  
3342 - 3378 Lime  
3378 - 3406 Lime  
3406 - 3426 Lime hard  
3426 - 3452 Lime  
3452 - 3478 Lime  
3478 - 3489 Lime  
3489 - 3493 Core  
3493 - 3499 Lime core  
3499 - 3504 Lime

Report dated 9-19-36

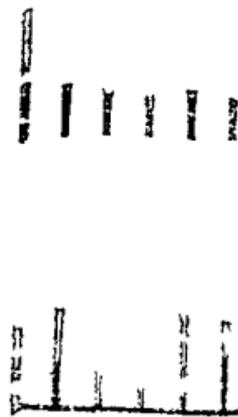
Telegraphic report 9-21-36:

"Base KC 3598 - Drilling Marmathon  
Shale 3605"

Fred Phillips

Helmerich & Payne  
Nora Ray No 1 in 7-23-8  
Reno County, Kansas

3504	-	3532	Lime	
3532	-	3553	Lime	
3553	-	3585	Lime	
3585	-	3594	Lime	
3594	-	3600	Lime	
3600	-	3624	Shale	
3624	-	3651	Hard shale	
3651	-	3675	Shale	
3675	-	3700	Shale	
3700	-	3705	Chat	
3705	-	3708	Core chat	



Report dated 9-25-36

Fred Phillips

Helmerich & Payne  
Nora Ray No 1 in 7-23-8  
Reno County Kansas

3708 - 3713 Chat

Report dated 10-4-36

Casing set at 3686'  
Plug drilled 10-4-36  
Top chat 3700'  
T.D. in chat 3719'  
Hole filled 250' water. No  
oil or gas  
Rigging up rotary tools to drill  
ahead

Fred Phillips

Helmerich & Payne  
Nora Ray No 1 in 7-23-8  
Reno County, Kansas

3713 - 3719 Water sand      Oct 5

Telegraphic report:

Viola 4005'

Drilling shale 4080'

Expecting top of Arbuckle about  
noon, October 15th. Please  
have representative present.

Fred Phillips