

**Meyer # 9 SW SE NE 33-28-22E. CR. Co. KS.
Oil Well. Completion Date 8/9/2004**

0 ft. to 2 ft.	Topsoil and clay
2 - 3 ft.	Limestone
3 - 8ft.	Shaley clay
8 - 20-½ ft.	Gray shale - set surface pipe
20-½ - 78 ft.	Gray shale
78 - 79 ft.	Limestone
79 - 80 ft.	Black shale and coal
80 - 84ft.	Gray shale
84 - 101ft.	Limestone - Pawnee lime
101 - 102ft.	Black shale - Pawnee lime
102 - 114ft.	Limestone - Pawnee lime
114 -115ft.	Black shale
115 - 116ft.	Coal
116 - 138ft.	Gray shale
138 - 150ft.	Limestone
150 - 156ft.	Gray shale
156 - 157ft.	Coal (thin streak)
157 - 160ft.	Gray shale
160 - 175ft.	Soft sand - Peru sand.
175 - 181ft.	Gray shale
181 - 203ft.	Limestone - Oswego lime
203 - 206ft.	Black shale
206 - 215	Limestone - Black Jack creek lime
215 - 219	Black shale & coal - mulky
219 - 221	Sandy gray shale
221 - 295	Gray shale
295 - 297-½	Black shale
297-½ - 301	Coal - Benier coal
301 -302	Gray shale
302 - 305	Limestone - Verdigris limestone
305 - 312-½	Dark gray shale W/Pyrite @ 310 - Verdigris lime

312- $\frac{1}{2}$ -313- $\frac{1}{2}$	Limestone - Verdigris limestone
313- $\frac{1}{2}$ -314- $\frac{1}{2}$	Black shale - Verdigris limestone
314- $\frac{1}{2}$ -315	Limestone - Verdigris limestone
315 - 318	Black shale - Crowburg shale
318 -320	Gray shale
320 - 321	Coal - Robinson Branch coal
321 -330	Gray shale
330 - 335- $\frac{1}{2}$	Gray sand - upper Cattleman sand
335- $\frac{1}{2}$ -340- $\frac{1}{2}$	Dark gray/Black shale
340- $\frac{1}{2}$ -343- $\frac{1}{2}$	Coal W/Pyrite - Mineral coal (gassy)
343- $\frac{1}{2}$ -351- $\frac{1}{2}$	Gray shale
351- $\frac{1}{2}$ -352- $\frac{1}{2}$	Limestone
352- $\frac{1}{2}$ -353- $\frac{1}{2}$	Gray shale
353- $\frac{1}{2}$ -355- $\frac{1}{2}$	Black shale
355- $\frac{1}{2}$ -358- $\frac{1}{2}$	Gray shale
358- $\frac{1}{2}$ -365	Sandy gray shale and sand - Middle Cattleman sand.
365 -370	Shaley sand - Middle Cattleman sand
370 - 373	Gray shale W/Lime streak
373 - 375	Scammond coal
375 - 393- $\frac{1}{2}$	Oil sand - <u>Bartlesville sand</u> - Lower Cattleman sand?
	AKA Chelsea sand
393- $\frac{1}{2}$ -398	Gray shale
398 - 400	black shale - TD

Frac. 30 SX - 3-100# SALT Breaks.

Stephens

~~Stevens~~ Oil Co.

Mayer #9

39 CC

CR Co. KS

150' N & 165' West of SENSE NE 33-285-22E

API# 15-037-216510000 WALNUT SE field

Spud 8/5/04 w/10" Bit - Set 20' 7" Joint 6 5/8" O.D. 16 #/FT casing
With 3 sacks Portland Cement @ 20 1/2' T.D. GL 1023'

Drilled 8/6/04 w/5 7/8" Bit 20 1/2' - 185'

Drilled 8/7/04 w/5 7/8" Bit 185' - 250'

Drilled 8/8/04 w/5 7/8" Bit 250' - 275'

Drilled 8/9/04 w/5 7/8" Bit 275' - 400' RTD

0' - 2' Topsoil & clay

2' - 3' Limestone

3' - 8' Shale Clay

8' - (20 1/2') Gray Shale - Set surface pipe

20 1/2' - 78' Gray shale

78' - 79' Limestone

79' - 80' Black shale & coal

80' - 84' Gray shale

84' - 101' Limestone - Pounce lime TOP 84' + 939

101' - 102' Black shale - Pounce lime

102' - 114' Limestone - Pounce lime BOTTOM 114' + 909

114' - 115' Black shale

115' - 116' Coal

116' - 138' Gray shale

138' - 150' Limestone

150' - 156' Gray shale

156' - 157' Coal @ 156' (Struck ^{Thin})

157' - 160' Gray shale

160' - 175' Soft Sand - Peed Sand TOP 160' +
BTM 175' +

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175 - 181	Gray Shale	
181 - 203	Limestone - OSWEGO LIME	TOP 181 Btm 203
203 - 206	Black Shale	
206 - 215	Limestone - Black Jack Creek Lime	
215 - 219	Black Shale & Coal - MULKY	
219 - 221	Sandy Gray Shale	
221 - 295	Gray Shale	
295 - 297 1/2	Black Shale	
- 297 1/2 - 301	COAL - BEVIER COAL	
301 - 302	Gray Shale	
302 - 305	Limestone	} Verdigris Verdigris Limestone
305 - 312 1/2	DARK Gray Shale w/Pyrite @ 310'	
312 1/2 - 313 1/2	Limestone	
313 1/2 - 314 1/2	Black Shale	
314 1/2 - 315	Limestone	
315 - 318	Black Shale - Croweburg Shale	
318 - 320	Gray Shale	
320 - 321	COAL - Robinson Branch Coal	
321 - 330	Gray Shale	
330 - 335 1/2	Gray Sand (w/ sh) - Upper Cattleman Sand	
335 1/2 - 340 1/2	Dark Gray/Black Shale	
- 340 1/2 - 343 1/2	Coal w/ Pyrite - Mineral Coal (Gassy)	
343 1/2 - 351 1/2	Gray Shale	
351 1/2 - 352 1/2	Limestone	
352 1/2 - 353 1/2	Gray Shale	
353 1/2 - 355 1/2	Black Shale	
355 1/2 - 358 1/2	Gray Shale	

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358 1/2 -	365	Sandy Gray Shale and Sand - Middle Chattanooga	
365 -	370	Stoney Sand	
370 -	373	Gray Shale w/ lime streak	
- 373 -	375	Schammond Coal	- Seaman coal
- 375 -	393 1/2	(18 1/2") Oil Sand	- Lower Chattanooga AKA Chelsea Sand
393 1/2 -	398	Gray Shale	
398 -	400	Black Shale	Bartlesville sand
400'		RTD	

8/13/04 Ran 13 Joints 2 7/8 Tubing (82' upset) w/ log
 packer - Set Packer @ ~~378'~~ 377.24' Total Pipe tally = 378'

Cemented w/ 30 _____ Sacks portland cement and 10
 Sacks Fly Ash - Cement Circulated @ 5:30 P.M. 8/13/04
 8/13/04

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 KCC WICHITA