

ROLLA, MISSOURI

COUNTY Johnson

M.G.S. LOG NO. _____

COMPANY OR OWNER Earl Combost

FARM foo WELL NO. 4

LOCATION _____ SEC. 30 T. 12S R. 24E

CONTRACTOR Galium & Brown Drg. Co

DRILLER C.L. Stenislowski

COMMENCED 11/3/55 COMPLETED _____

PRODUCTION D & A

CASING RECORD _____

WATER RECORD _____

SOURCE OF LOG Driller

REMARKS West of No. 3

ELEV _____
TOTAL DEPTH _____

FORMATION	FROM: (ft.)	TO: (ft.)	FORMATION	FROM: (ft.)	TO: (ft.)
Soil soft dark	0	8	Lime gray hard	157	165
Clay yellow soft	8	10	Shale black soft	165	170
Clay dark soft	10	14	Shale gray soft	170	172
Shale gray soft	14	22	Lime gray hard	174	187
Lime gray-brown hard	22	34	Shale dark gray soft	187	197
Shale gray soft	34	39	Lime gray hard	197	200
Lime gray hard	39	51	Shale gray soft	200	201
Shale gray soft sandy	51	62	Lime gray hard	201	203
Lime gray hard-brownstks	62	73	Shale gray soft	203	208
Shale gray soft	73	79	(gas bubbles at 206')		
Lime gray hard	79	84	Lime gray flint hard	208	222
Shale blue soft, sandy @ 95	84	108	Lime gray hard	222	238
Sandstone blue med.	108	110	Shale dark gray soft slaty	238	244
Shale blue soft	110	125	Shale & lime gray med.	244	248
Lime brown, gray hard	125	136	Lime gray hard	248	265
(6" shale stk 131 1/2-132)			Shale gray soft, black slaty	265	269
Shale dark soft slaty	136	142	(gas bubbles and approx 10GPM water)		
Lime blue hard sandy	142	145	Lime broken hard	269	273
Shale blue soft sandy	145	150	Shale dark soft and med. lime	273	276
Shale green soft	150	152		276	284
Lime gray hard	152	155	Lime gray hard (Hertha)	276	284
Shale soft	155	157	Shale gray soft	284	308
			(trace of red bed at 288)		

Sandstone blue med.	308 325	gas bubbles 311' & 200' water
Sandy shale gray soft	325 360	350' 6 1/4" casing
Shale gray soft	360 383	MO 362'
Lime sandy blue med.	383 386	
Shale gray soft	386 389	
Sand light gray soft	389 403	
Shale gray soft slaty	403 414	
Red bed soft	414 420	
Shale light gray soft	420 427	trace of limestone
Shale blue, red, gray soft	427 438	
Sandy lime gray to blue		
hard	438 442	
Sandstone white to green		
hard	442 450	
Shale gray soft	450 456	trace of red bed and lime
Lime gray hard	456 460	
ile dark gray soft	460 464	
Lime gray hard	464 467	
Shale dark gray soft	467 474	trace of coal 472
Lime gray soft	474 480	
Sand white to gray soft	480 490	
ile dark gray soft	490 501	
Lime gray hard	501 506	
Slate black soft	506 507	
Shale gray soft	507 510	
Sandstone hard	510 515	
Shale gray soft	515 519	
Lime gray hard	519 524	
Shale gray soft	524 527	
Red bed soft	527 538	
Shale blue soft	538 542	
Lime hard	542 544	
Shale & slate dark soft	544 553	
Lime gray hard	553 556	
Shale gray soft	556 558	
Lime gray hard	558v561	
Shale gray soft	561 566	
nd gray-blue med.	566 575.	T.D.

Plugged at Squirrel 560'
 " " Knobtown 305

D & A 11/23/55

Earl Combest # 4

30-125-24E

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES

ROLLA, MISSOURI

COUNTY Johnson

M.G.S. LOG NO. _____

COMPANY OR OWNER Earl Combest

FARM Fee WELL NO. 4

LOCATION _____ SEC. 38 T. 12 SR. 24E

CONTRACTOR Cullum & Brown Ry Co

DRILLER Carl Stanislawski

COMMENCED 11/8/55 COMPLETED _____

PRODUCTION NOA

CASING RECORD _____

WATER RECORD _____

SOURCE OF LOG Duttons manual

REMARKS W. of #3

ELEV _____
TOTAL DEPTH _____

FORMATION	FROM: (ft.)	TO: (ft.)	FORMATION	FROM: (ft.)	TO: (ft.)
oil dark soft	0	8	Sandstone blue med	108	110
clay yellow soft	8	10	Shale blue soft	110	125
Mud dark soft	10	14	limi brown hard	125	136
S. & gray soft	14	22	6" shal streak		
limi gray hard	22	34	(131 1/2 - 132)		
Shale gray soft	34	39	Shale dark soft stony	136	142
limi gray hard	39	51	limi blue hard sandy	142	148
Shale gray soft sandy	51	62	Shale blue soft sandy	148	150
limi gray hard	62	75	Shale green soft	150	152
limi brown streak } arg.			limi gray hard	152	155
Shale gray soft	75	79	Shale soft.	155	157
limi gray hard	79	84	limi gray hard	157	165
Shale blue soft	84	108	Shale black soft	165	170
Sandstone blue			" gray "	170	176
			limi gray hard	176	187
			Shale dark gray soft	187	197

	lime gray hard	197	200	
	Shale gray soft	200	201	
	lime gray hard	201	203	
	Shale gray soft	203	208	gas bubbles 206'
	lime gray hard	208	222	Flint hard
	lime gray hard	222	235	
	Shale dark gray soft	235	244	Slaty
	Shale lime gray med	244	248	
	lime gray hard	248	265	
	Shale gray soft	265	267	Blue slaty
	gas bubbles & water @	267		water above 100'
AC	lime unbroken hard	267	273	
	Shale dark soft	273	276	(lime) med
	lime gray hard	276	284	(flint)
	lime gray soft	284	308	Trace red med 288
	Sandstone blue med	308	325	gas bubbles 311 & 206' cont
	Shale sandy gray soft	325	360	350' 6/4 casing
	Shale gray soft	360	363	MO 362
	lime sandy blue med.	383	386	
	Shale gray soft	386	389	
	Sand light gray soft	389	403	
	Shale gray soft	403	414	Slaty
	Redded soft	414	420	
	Shale light gray soft	420	427	Trace limestone
	Shale blue red gray soft	427	435	
	Sandy lime gray to blue			
	hard	435	442	
	Sandstone, white to green hard	442	450	
	Shale gray soft	450	456	red bed + trace of lime
	lime gray hard	456	460	
	Shale dark gray soft	460	464	
	lime gray hard	464	467	
	Shale dark gray soft	467	474	Trace of lime
	lime gray soft	474	480	
	Sand white soft	480	490	

788
238
350