

ILLINOIS STATE GEOLOGICAL SURVEY

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OBSERVATION WELL

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Barlow	2026	2042
Benoist, slight show of oil	2186	2208
Ste Genevieve	2229	
McClosky, slight show of oil	2335	2354
Devonian Lime	3888	
Geneva, good show of oil	4018	
Total Depth:		4285

Date Drilling Began: 12/7/2004

Casing 7" - 4005' , cemented with 350 sacks
 10 3/4" - 220' , cemented with 250 sacks

Drilling Time Log filed.

Directional Survey filed.

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Scout Check Ticket

Permit Date: 12/7/2004 **Permit #:** 56904 **Reference #:** 209371

COMPANY Deep Rock Energy Corp.

FARM Warren **NO.** 10

DATE DRILLED January 9, 2005 **COUNTY NO.** 28163

AUTHORITY

ELEVATION 570' GL - Permit

LOCATION 81'S line, 79'E line of NW SW

COUNTY Marion **API#** 1212128163 00 **33-4N-4E**

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FORMATION TOPS from Company (footages are TVD)

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Barlow	2028	2048
Benoist	2184	2210
Benoist, fair show of oil	2190	
Aux Vases, fair show of oil	2241	
Ste Genevieve	2293	
McClosky, good show of oil	2333	2353
Salem	2590	
Salem	2599	2680
Chouteau	3600	
Grand Tower, good show of oil	3731	3791
Devonian	3731	
Geneva, "A"	3778	
Geneva, "A", good show of oil	3791	3796
Total Depth:		3796

Date Drilling Began: 4/28/2008

Casing 10 3/4" - 240' , cemented with 250 sacks
 7" - 4482' , cemented with 140 sacks

I.P. 1215 bbls. of oil, no water per day, and 8 MCF of gas per day, from the Geneva (4480'-5404')

Drilling Time (ROP) with MWD Gamma Ray filed.

Drilling Time Chart with Sample Description filed.

Drill Stem Test Report filed.

Directional Survey filed.

Permit Date: 4/4/2008 **Permit #:** 59338 **Reference #:** 209371

COMPANY Deep Rock Energy Corp.

FARM Warren

NO. 10-A

DATE DRILLED May 29, 2008

COUNTY NO. 28163

AUTHORITY

ELEVATION 570' GL - Permit

LOCATION 81'S line, 79'E line of NW SW

COUNTY Marion

API# 1212128163 01

33-4N-4E

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Permit Date: 4/4/2008 **Permit #:** 59338 **Reference #:** 209371

COMPANY	Deep Rock Energy Corp.	
FARM	Warren	NO. 10-A
DATE DRILLED	May 29, 2008	COUNTY NO. 28163
AUTHORITY		
ELEVATION	570' GL - Permit	
LOCATION	81'S line, 79'E line of NW SW	
COUNTY	Marion	API# 1212128163 01 33-4N-4E

Permit Date: 9/14/2015 **Permit #:** 64752 **Reference #:** 209371

COMPANY Deep Rock Energy Corp.

FARM Warren

NO. 10-A
HOR

DATE DRILLED

COUNTY NO. 28163

AUTHORITY

ELEVATION 570' GL - Permit

LOCATION 81'S line, 79'E line of NW SW

COUNTY Marion

API# 1212128163 02

33-4N-4E