

ILLINOIS STATE GEOLOGICAL SURVEY

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ELECTRIC LOG TOPS from Company

	<u>Top</u>	<u>Bottom</u>
Unnamed Coal 409	256	258
Unnamed Coal 409	376	380
Kinkaid	1640	1675
Palestine, sandstone, no show of oil	1822	1854
Menard	1866	1940
Menard Lower	1948	1954
Waltersburg, sandstone	1964	1980
Vienna	2018	2022
Glen Dean	2150	2170
Golconda	2252	2318
Barlow	2336	2339
Cypress, sandstone, show of oil	2430	2434
Renault Upper	2638	2662
Renault Lower	2700	2724
Aux Vases, sandstone, show of oil	2726	2734
Aux Vases, sandstone, show of oil	2734	2740
Total Depth:		2772

Date Drilling Began: 4/20/2010

Casing 8 5/8" - 73' , cemented with 100 sacks
5 1/2" - 2770' , cemented with 355 sacks

Perforated: 2726' - 2734', shots not reported

Acidized: 2726' - 2734', 350 gallons 15% MCA

Fractured: 2726' - 2734', 7,500 gallons gelled water with 10,000 lbs. sand

I.P. 9 bbls. of oil, 9 bbls. of water per day, pumping from the Aux Vases
(2726'-2734')

Permit Date: 4/16/2010 **Permit #:** 60548 **Reference #:** 212721

COMPANY Dee Drilling Co., Inc.

FARM Scates

NO. E-12

DATE DRILLED May 11, 2010

COUNTY NO. 25427

AUTHORITY Company

ELEVATION 411' GL -

LOCATION 330'N line, 147'W line of SE NE NW

COUNTY Gallatin

API# 1205925427 00

19-9S-10E

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Geologist's Report filed.

Dual Induction Gamma Ray SP Log filed.

Drilling Time Log filed.

Compensated Density Microlog Caliper filed.

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GET FILE	Density Log
GET FILE	Induction Electric Log
GET FILE	Scanned Documents
GET FILE	Scanned Drilling Time Log
GET FILE	Scout Check Ticket

Permit Date: 4/16/2010 **Permit #:** 60548 **Reference #:** 212721

COMPANY	Dee Drilling Co., Inc.	
FARM	Scates	NO. E-12
DATE DRILLED	May 11, 2010	COUNTY NO. 25427
AUTHORITY	Company	
ELEVATION	411' GL -	
LOCATION	330'N line, 147'W line of SE NE NW	
COUNTY	Gallatin	API# 1205925427 00 19-9S-10E

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Scanned Documents

Permit Date:	8/31/2012	Permit #:	203836	Reference #:	212721
COMPANY	Dee Drilling Co., Inc.				
FARM	Scates			NO.	E-12-WI
DATE DRILLED				COUNTY NO.	25427
AUTHORITY					
ELEVATION	411' GL -				
LOCATION	330'N line, 147'W line of SE NE NW				
COUNTY	Gallatin	API#	1205925427 01		19-9S-10E