

ILLINOIS STATE GEOLOGICAL SURVEY

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Degonia, sandstone, low porosity, no permeability	1894	1898
Clore, sandstone	2040	2050
Palestine, sandstone	2102	2106
Waltersburg, sandstone, low porosity, no show of oil	2292	2302
Vienna, limestone	2322	2326
Tar Springs, "A", sandstone, show of oil	2346	2360
Tar Springs, "Massive", dull show of oil	2366	2430
Barlow, limestone	2650	2658
Cypress Upper, sandstone, no permeability, no show of oil	2672	2678
Cypress Middle, "Massive", sandstone, show of oil	2697	2734
Cypress Lower, sandstone, show of oil	2767	2774
Bethel, "Upper", sandstone, no porosity	2805	2812
Bethel, "Middle", sandstone, show of oil	2828	2858
Bethel, "Lower", sandstone, show of oil	2862	2878
Renault Lower, limestone	2928	2950
Aux Vases, sandstone, show of oil	2954	2988
Aux Vases, limestone, porosity, show of oil	3006	3011
Ste Genevieve, limestone	3016	
Rosiclare, porosity, no permeability, show of oil	3064	3068
Rosiclare, porosity, streaked permeability, slight show of oil	3078	3080
St Louis, limestone	3130	
St Louis, porosity, very slight show of oil	3204	3206
Salem, limestone	3440	
Warsaw, limestone	3740	
Warsaw, porosity, 1' permeability, show of oil	3833	3835
Warsaw, low porosity, no permeability, speckled show of oil	3850	3852
Warsaw, porosity, 2' permeability, slight show of oil	3924	3937
Warsaw, porosity, 4' permeability, speckled show of oil	3962	3968

Permit Date: 7/15/2011 **Permit #:** 61360 **Reference #:** 213501

COMPANY	Core Minerals Operating Co., Inc.	
FARM	Roland Pool Unit Area II Tr. 3	NO. 3
DATE DRILLED	September 12, 2011	COUNTY NO. 32621
AUTHORITY		
ELEVATION	489' GL -	
LOCATION	660'N line, 330'W line of NW	
COUNTY	White	API# 1219332621 00 1-7S-8E

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Total Depth: 3989

Plugged Back Total Depth: 3133

Date Drilling Began: 8/3/2011

Casing 8 5/8" - 202' , cemented with 275 sacks
5 1/2" - 3125' , cemented with 375 sacks

DST #1 (Warsaw) 3944' - 3989'. Tool open 14 minutes. closed 30 minutes. Open 47 minutes, closed 89 minutes. Recovered 120' salt water, 30' salty mud, 150' gas in pipe. ISIP 1333.00#. FSIP 1274.00#. IHP 1972.00#. FHP 1937.00#.

Perforated: 3006' - 3010', 16 shots

3064' - 3068', 16 shots

3077' - 3081', 16 shots

Acidized: 2762' - 2772', 450 gallons MCA

3006' - 3010', 500 gallons MCA

3064' - 3081', 500 gallons MCA

Fractured: 2762' - 2772', 177 bbls., 8,000 lbs. sand

Dry and abandoned

Gamma Ray Casing Collar Log filed.

Geologist's Report filed.

Dual Induction Gamma Ray SP Log filed.

Compensated Density Neutron Micro-Res. GR Caliper filed.

Drill Stem Test Report filed.

[Imaged Log viewing help: New users please read this.](#)

GET FILE	Cased Hole Log
GET FILE	Density Log
GET FILE	Induction Electric Log
GET FILE	Scanned Documents
GET FILE	Scout Check Ticket

Permit Date: 7/15/2011

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COMPANY Core Minerals Operating Co., Inc.

FARM Roland Pool Unit Area II Tr. 3 **NO. 3**

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ELEVATION 489' GL -

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Scanned Documents

Permit Date:	12/12/2011	Permit #:	203702	Reference #:	213501
COMPANY	Core Minerals Operating Co., Inc.				
FARM	Roland Pool Unit Area II Tr. 3	NO.	3		
DATE DRILLED		COUNTY NO.	32621		
AUTHORITY					
ELEVATION	489' GL -				
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COUNTY	White	API#	1219332621 01	Irr.	1-7S-8E