

ILLINOIS STATE GEOLOGICAL SURVEY

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WATERFLOOD PROJECT

ELECTRIC LOG TOPS from Company

	<u>Top</u>	<u>Bottom</u>
Barlow, limestone	2638	2653
Cypress Upper, sandstone, show of oil	2665	2694
Aux Vases, sandstone, show of oil	2916	2926
Aux Vases Dolomite, show of oil	2931	2936
Aux Vases Dolomite, show of oil and gas	2947	2948
Ste Genevieve	2966	
McClosky, limestone, show of oil and gas	2999	3002
McClosky, limestone, show of oil and gas	3017	3022
McClosky Dolomite, show of oil and gas	3042	3044
McClosky, limestone, show of oil	3057	3060
McClosky Dolomite, slight show of oil and gas	3073	3075
McClosky, limestone, very slight show of oil	3086	3088
St Louis Dolomite, very slight show of oil	3242	3244
Salem	3348	
Salem Lower, "L", slight show of oil	3455	3459
Salem, "N"-1, show of oil and gas	3539	3550
Salem, "N"-2, show of oil and gas	3553	3556
Salem, "N"-3, show of oil and gas	3565	3566
Salem, "O"-2, good show of oil, show of gas	3625	3638
Salem, "O"-3, good show of oil, show of gas	3645	3650
Salem, "O"-4, slight show of oil	3666	3669
Salem, "P", slight show of oil	3758	3760
Total Depth:		3782

Date Drilling Began: 10/22/2003

Casing 8 5/8" - 138' , cemented with 125 sacks
 5 1/2" - 3777' , cemented with 400 sacks

Cores #1, 3623.00' - 3652.00', Cut: 29.00', Recovered: 29.00'
 3623' - 3652' fossiliferous, crystalline limestone. Limestone
 below 3646' is very dense with no show of oil.

Permit Date: 9/12/2003 **Permit #:** 56186 **Reference #:** 208750

COMPANY	Elysium Energy, L.L.C.	
FARM	Ausbrook, A. G.	NO. 6
DATE DRILLED	November 7, 2003	COUNTY NO. 28759
AUTHORITY	Company	
ELEVATION	451' GL - Permit	
LOCATION	330'N line, 990'W line of NW NW	
COUNTY	Clay	API# 1202528759 00 Irr. 5-2N-8E

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Perforated: 3625' - 3635', shots not reported.

3644' - 3652', shots not reported.

3540' - 3550', shots not reported.

3553' - 3557', shots not reported.

3455' - 3460', shots not reported.

Acidized: 3625' - 3652', 1,500 gallons 20% MCA.

I.P. 81 bbls. of oil, 121 bbls. of water per day, from the Salem (3455'-3652')

Compensated Z-Densilog Neutron Minilog GR filed.

Drilling Time Log filed.

Dual Induction Focused Gamma Ray Log filed.

Core Analysis Report 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: 9/12/2003 **Permit #:** 56186 **Reference #:** 208750

COMPANY Elysium Energy, L.L.C.

FARM Ausbrook, A. G. **NO. 6**

DATE DRILLED November 7, 2003 **COUNTY NO. 28759**

AUTHORITY Company

ELEVATION 451' GL - Permit

LOCATION 330'N line, 990'W line of NW NW

COUNTY Clay **API# 1202528759 00** **Irr. 5-2N-8E**

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WATER INJECTION CONVERSION

Total Depth: 3782

Date Drilling Began: 4/21/2005

Casing 8 5/8" - 138' , cemented with 125 sacks

5 1/2" - 3777' , cemented with 400 sacks

Tubing 2 3/8" - 3588' , set with Baker AD-1 packer

2 3/8" - 3365' , set with tandem tension packer

Perforated: 3625' - 3635' , existing perforations

3644' - 3652' , existing perforations

Completed as a water input well, injecting 338 bbls. of water per day at 0 psi into the Salem (3625'-3652').

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Scanned Documents

Permit Date:	9/14/2004	Permit #:	202619	Reference #:	208750
COMPANY	Elysium Energy, L.L.C.			NO.	6
FARM	Ausbrook, A. G.			COUNTY NO.	28759
DATE DRILLED	April 30, 2005			API#	1202528759 01
AUTHORITY	Company			Irr.	5-2N-8E
ELEVATION	451' GL - Permit				
LOCATION	330'N line, 990'W line of NW NW				
COUNTY	Clay				

Permit Date: 11/9/2016 **Permit #:** 65115 **Reference #:** 208750

COMPANY Citation Oil & Gas Corp.

FARM Ausbrook, A. G.

NO. 6

DATE DRILLED

COUNTY NO. 28759

AUTHORITY

ELEVATION 451' GL - Permit

LOCATION 330'N line, 990'W line of NW NW

COUNTY Clay

API# 1202528759 02

Irr. 5-2N-8E