

ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

WATERFLOOD PROJECT

FORMATION TOPS from Company and R. D. Lipking

	<u>Top</u>	<u>Bottom</u>
Bridgeport, "A"	958	
Ridgley, sandstone	1234	1248
Ridgley, sandstone	1255	1259
Buchanan	1274	1348
Glen Dean, limestone	1348	1358
Mississippian	1348	
Hardinsburg	1374	1394
Barlow, limestone	1482	1500
Cypress Middle	1542	1574
Cypress Lower	1586	
Sample	1628	1648
Bethel	1656	1665
Downeys Bluff	1673	1679
Benoist	1682	1686
Aux Vases	1724	
Ste Genevieve	1756	
McClosky B	1770	1773
McClosky B, dolomite	1780	1791
McClosky C, dolomite	1800	1809
McClosky D, dolomite	1809	1820
St Louis	1820	
St Louis, "A-5", limestone, low porosity	1855	1858
St Louis, "A-10", dolomite	1914	1924
St Louis, "A-20", limestone	1958	1962
St Louis, "A-20", dolomite	1967	1974
St Louis, "A-30", limestone	1980	1994
Total Depth:		2024

Date Drilling Began: 5/7/2002

Casing 8 5/8" - 125' , cemented with 85 sacks
 5 1/2" - 2002' , cemented with 324 sacks

Permit Date: 4/26/2002 **Permit #:** 55593 **Reference #:** 208291

COMPANY	Plains Illinois, Inc.	NO. 111
FARM	Leighty, E. a/c 1	
DATE DRILLED	July 12, 2002	COUNTY NO. 31457
AUTHORITY	Company	
ELEVATION	483' KB - Company	
LOCATION	330'S line, 570'E line of SE SW	
COUNTY	Lawrence	API# 1210131457 00 26-3N-12W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 2

Perforated: 1744' - 1750', shots not reported

1780' - 1806', Overall Interval, shots not reported

1855' - 1974', Overall Interval, shots not reported

Acidized: 1855' - 1974', 100 gallons 15% HCl.

Fractured: 1780' - 1806', 4,500 gallons gelled water with 5,000 lbs. sand.

I.P. 19 bbls. of oil, 144 bbls. of water per day, from the Aux Vases (1744'-1750'), McClosky (1780'-1806'), St Louis (1855'-1974')

Gamma Ray Neutron Casing Collar Log filed.

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

[GET FILE](#)

Density Log

[GET FILE](#)

Scanned Documents

[GET FILE](#)

Scout Check Ticket

Permit Date: 4/26/2002	Permit #: 55593	Reference #: 208291
-------------------------------	------------------------	----------------------------

COMPANY Plains Illinois, Inc.

FARM Leighty, E. a/c 1

NO. 111

DATE DRILLED July 12, 2002

COUNTY NO. 31457

AUTHORITY Company

ELEVATION 483' KB - Company

LOCATION 330'S line, 570'E line of SE SW

COUNTY Lawrence

API# 1210131457 00

26-3N-12W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 3

Permit Date:	8/25/2026	Permit #:	67690	Reference #:	208291
COMPANY	CDG Operations, LLC				
FARM	Leighty, E. a/c 1			NO.	111
DATE DRILLED				COUNTY NO.	31457
AUTHORITY					
ELEVATION	483' KB - Company				
LOCATION	330'S line, 570'E line of SE SW				
COUNTY	Lawrence	API#	1210131457 01	26-3N-12W	