

ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

WATER INJECTION WELL

ELECTRIC LOG TOPS from Scout Ticket

	<u>Top</u>	<u>Bottom</u>
Kirkwood	1370	1414
Bethel	1449	1455
Total Depth:		1592

Plugged Back Total Depth: 1536

Date Drilling Began: 8/17/1987

Casing 8 5/8" - 274' , cemented with 175 sacks
 5 1/2" - 1582' , cemented with 340 sacks

Perforated: 1370' - 1380', 40 shots

1382' - 1414', 128 shots

1449' - 1455', 24 shots

Acidized: 1370' - 1455', 5,700 gallons gelled water with 6,200 lbs. sand

Completed as a water input well, injecting into the Cypress (1370'-1414'), Paint Creek (1449'-1455').

Density Neutron Log filed.

Driller's Log filed.

Dual Induction Log filed.

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

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Density Log

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Induction Electric Log

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Scanned Documents

Permit Date: 2/17/1987	Permit #: 39724	Reference #: 13224
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COMPANY Marathon Oil Company

FARM Eshelman, S. M.

NO. HH-2

DATE DRILLED August 24, 1987

COUNTY NO. 29684

AUTHORITY Company

ELEVATION 476' GL - Permit

LOCATION 2044'S line, 660'W line of NE

COUNTY Lawrence

API# 1210129684 00

5-3N-12W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 2

UNPERMITTED RE-COMPLETION

Total Depth: 1592

Plugged Back Total Depth: 1536

Casing 8 5/8" - 274' , cemented with 175 sacks
 5 1/2" - 1582' , cemented with 340 sacks
 Tubing 2 3/8" - 860' , set with Model C packer
 2 3/8" - 1043' , set with Model AD=1 packer

Perforated: 876' - 906', 120 shots

 966' - 984', 72 shots

Acidized: 876' - 906', 720 gallons 15% HCl acid

 966' - 984', 500 gallons 15% HCl acid

 1370' - 1455', 1,030 gallons 15% HCl acid

Fractured: 876' - 906', 2,050 gallons gelled water with 2,900 lbs. sand

 966' - 984', 1,850 gallons geled water with 2,500 lbs. sand

Completed as a water input well, injecting 270 bbls. of water per day at 560 psi into the Bethel (1449'-1455'), Kirkwood (1370'-1414'), Bridgeport (876'-984').

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

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Permit Date:	Permit #: 39724	Reference #: 13224
COMPANY	Marathon Oil Company	
FARM	Eshelman, S. M.	NO. HH-2
DATE DRILLED	April 6, 1994	COUNTY NO. 29684
AUTHORITY	Company	
ELEVATION	476' GL - Permit	
LOCATION	2044'S line, 660'W line of NE	
COUNTY	Lawrence	API# 1210129684 01 5-3N-12W

Permit Date:	12/14/2017	Permit #:	65424	Reference #:	13224
COMPANY	CDG Operations, LLC				
FARM	Eshelman, S. M.			NO.	K-14 WSW
DATE DRILLED				COUNTY NO.	29684
AUTHORITY					
ELEVATION	476' GL - Permit				
LOCATION	2044'S line, 660'W line of NE				
COUNTY	Lawrence	API#	1210129684 02		5-3N-12W