

ILLINOIS STATE GEOLOGICAL SURVEY

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Jackson	1470	
Kirkwood	1536	
Paint Creek	1624	
Total Depth:		1675

Cores	#1, 1572.00' - 1598.00', Cut: 26.00', Recovered: 25.00'
1572' - 1580.6'	Shale gray to dense and ratty, rotten shale.
1580.6' - 1582.4'	Sandstone, large amount of bleeding gassing, hairline vertical fractures, fine to medium grain, slightly calcareous high shale content.
1582.4' - 1583'	Shale, ratty and some dense gray and black.
1583' - 1594.5'	Sandstone, fine to medium grained, many thin and thick shale laminations. Sandstone has horizontal fractures, vugs, high bleeding, high shale content throughout interval, friable.
1594.5' - 1597.3'	Shale gray to black ratty and dense.
1597.3' - 1598'	Lost core.

I.P. 35 bbls. of oil, 102 bbls. of water per day, from the Jackson (1470'-1483'), Kirkwood (1536'-1592'), Paint Creek (1624'-1633')

Induction Electric Log filed.

Driller's Log filed.

Core Study filed.

Core Analysis Report filed.

Core # 15850 1580' - 1594' Received:

Permit Date: 12/12/1967 **Permit #:** 1809 **Reference #:** 7188

COMPANY Marathon Oil Company

FARM Highfield, J. W.

NO. 5

DATE DRILLED August 19, 1968

COUNTY NO. 07032

AUTHORITY

ELEVATION 520' GL -

LOCATION 660'S line, 660'E line of NW SE

COUNTY Lawrence

API# 1210107032 00

6-3N-12W

ILLINOIS STATE GEOLOGICAL SURVEY

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Induction Electric Log

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Handwritten Scout Ticket

Permit Date:	12/12/1967	Permit #:	1809	Reference #:	7188
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COMPANY	Marathon Oil Company
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FARM	Highfield, J. W.
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NO. 5

DATE DRILLED	August 19, 1968
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COUNTY NO. 07032

AUTHORITY

ELEVATION	520' GL -
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LOCATION	660'S line, 660'E line of NW SE
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COUNTY	Lawrence
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API# 1210107032 00

6-3N-12W

ILLINOIS STATE GEOLOGICAL SURVEY

	<u>Top</u>	<u>Bottom</u>
Barlow	0	1504
Jackson	1470	1483
Cypress	1534	1592
Bethel	1621	1638
Total Depth:		1675

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Permit Date: 8/3/1983 **Permit #:** 25463 **Reference #:** 7188

COMPANY Marathon Oil Company

FARM Highfield, J. W.

NO. PP-6

DATE DRILLED April 26, 1985

COUNTY NO. 07032

AUTHORITY

ELEVATION 520' GL -

LOCATION 660'S line, 660'E line of NW SE

COUNTY Lawrence

API# 1210107032 01

6-3N-12W

Total Depth: 1675

Completed as a water input well, no other information available.

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Permit Date:	8/17/1984	Permit #:	31319	Reference #:	7188
COMPANY	Marathon Oil Company				
FARM	Highfield, J.W.			NO.	PP-6
DATE DRILLED	August 26, 1985			COUNTY NO.	07032
AUTHORITY					
ELEVATION	520' GL -				
LOCATION	660'S line, 660'E line of NW SE				
COUNTY	Lawrence	API#	1210107032 02		6-3N-12W