



Status Report

Total Records: 25

TOP 3 COUNTY RECORDS

WARREN 25

TOP 3 MEMBER RECORDS

COLCHESTER 13 COAL
 ROCK ISLAND 9 COAL
 MECCA QUARRY 5 BLACK SHALE

TOP 3 LOG TYPE RECORDS

Drillers Log 22
 Survey Core Study 3

TOP 3 COAL RECORDS

COLCHESTER 13
 ROCK ISLAND 9
 COLCHESTER 1

Data Summary

Cross-tabulation of all selected logs, individual logs will vary.
 Tabulation of logged intervals only, individual logs will vary.

Depth and Thickness measurements in feet

Member	Lithology	Avg. Depth	Min. Depth	Max. Depth	Avg. Thk	Min. Thk	Max. Thk
MECCA QUARRY	SHALE	57.3	28.0	77.8	2.4	0.7	7.0
FRANCIS CREEK	SANDSTONE	53.5	28.8	78.5	3.9	3.0	6.5
COLCHESTER	COAL	59.7	20.0	120.0	2.7	1.0	7.0
SEVILLE	LIMESTONE	11.0	11.0	11.0	3.0	3.0	3.0
ROCK ISLAND	COAL	81.5	14.0	141.5	2.7	0.2	4.0
Net Coal					5.4		

MAPID: 18700018000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 8N 1W SECTION: 14 NE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AVON LONGITUDE: -90.468199

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.682531

DATE COLLECTED: 8 / 7 / 1920

SURFACE ELEVATION (FT.): 635.0 LOGGED (FT.): 75.0

LOG TYPE: Drillers Log

SOURCE: BREFFNI OIL & GAS CORP.

WELL TYPE: Producer-Oil and Gas

COMMENT: LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
635.0			UNCONSOLIDATED	18.0	0.0	
617.0	CARBONDALE		UNCLASSIFIED	2.0	18.0	
615.0	CARBONDALE	COLCHESTER	COAL	1.0	20.0	UNCERTAIN CORRELATION
614.0	SPOON		DARK SHALE	29.0	21.0	
585.0	SPOON		LIMESTONE	8.0	50.0	
577.0	SPOON		UNCLASSIFIED	2.0	58.0	
575.0	SPOON	ROCK ISLAND	COAL	3.0	60.0	UNCERTAIN CORRELATION
572.0	ABBOTT		BLACK SHALE	12.0	63.0	
560.0			UNCLASSIFIED	0.0	75.0	

MAPID: 18700024000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 8N 2W SECTION: 17 NWSWNW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: ROSEVILLE LONGITUDE: -90.653211

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.685202

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 730.0 LOGGED (FT.): 143.0

LOG TYPE: Drillers Log

SOURCE: JO SIMPSON,DRILLER

WELL TYPE: Mine Shaft

COMMENT: LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
730.0			UNCONSOLIDATED	10.0	0.0	
720.0	CARBONDALE		UNCLASSIFIED	60.0	10.0	
660.0	CARBONDALE	COLCHESTER	COAL	2.5	70.0	UNCERTAIN CORRELATION
657.5	SPOON		SHALE	33.0	72.5	
624.5	SPOON		COAL	2.0	105.5	
622.5	SPOON		UNDERCLAY	2.0	107.5	
620.5	SPOON		COAL	2.0	109.5	
618.5	SPOON		UNCLASSIFIED	30.0	111.5	
588.5	SPOON	ROCK ISLAND	COAL	1.5	141.5	UNCERTAIN CORRELATION

MAPID: 18700029000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 8N 3W SECTION: 14 NW/NENW
QUADRANGLE: ROSEVILLE LONGITUDE: -90.705121
CONFIDENTIAL: N LATITUDE: 40.68991
SURFACE ELEVATION (FT.): 765.0 LOGGED (FT.): 70.0
SOURCE: E.C. JOHNSTON (FARM)
COMMENT: LOCATION IMPRECISE

FOOT (NS): 0 FOOT (EW): 0
GEOLOGIST: WEIBEL
DATE COLLECTED: 0 / 0 / 0
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
765.0			UNCONSOLIDATED	40.0	0.0	
725.0	CARBONDALE		SHALE	28.0	40.0	
697.0	CARBONDALE	COLCHESTER	COAL	2.0	68.0	UNCERTAIN CORRELATION

MAPID: 18700030000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 8N 3W SECTION: 30 SESW
QUADRANGLE: RARITAN LONGITUDE: -90.782088
CONFIDENTIAL: N LATITUDE: 40.653121
SURFACE ELEVATION (FT.): 783.0 LOGGED (FT.): 91.0
SOURCE: ALLMAN (FARM)
COMMENT:

FOOT (NS): 1 N FOOT (EW): 660 E
GEOLOGIST: WEIBEL
DATE COLLECTED: 0 / 0 / 1917
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
783.0			UNCONSOLIDATED	67.0	0.0	
716.0	CARBONDALE		SHALE	10.0	67.0	
706.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	7.0	77.0	
699.0	CARBONDALE	COLCHESTER	COAL	3.5	84.0	
695.5	SPOON		UNDERCLAY	3.5	87.5	

MAPID: 18700036000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 9N 2W SECTION: 10 NENWSW
QUADRANGLE: BERWICK LONGITUDE: -90.611634
CONFIDENTIAL: N LATITUDE: 40.781918
SURFACE ELEVATION (FT.): 720.0 LOGGED (FT.): 161.0
SOURCE: W.H. BROOKS (FARM)
COMMENT:

FOOT (NS): 0 FOOT (EW): 0
GEOLOGIST: WEIBEL
DATE COLLECTED: 0 / 0 / 1917
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
720.0			UNCONSOLIDATED	50.0	0.0	
670.0	SPOON		UNCLASSIFIED	3.0	50.0	
667.0	SPOON		COAL	0.5	53.0	
666.5	SPOON		UNDERCLAY	4.5	53.5	
662.0	SPOON		UNCLASSIFIED	12.0	58.0	
650.0	SPOON	ROCK ISLAND	COAL	3.0	70.0	UNCERTAIN CORRELATION
647.0	ABBOTT		UNDERCLAY	20.0	73.0	

MAPID: 18720941000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 9N 3W SECTION: 3 SWNW

FOOT (NS): 1 S FOOT (EW): 1 W

QUADRANGLE: KIRKWOOD EAST LONGITUDE: -90.730587

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.798824

DATE COLLECTED: 0 / 0 / 1968

SURFACE ELEVATION (FT.): 713.8 LOGGED (FT.): 46.1

LOG TYPE: Survey Core Study

SOURCE: NEW JERSEY ZINC CO.

WELL TYPE: Mineral Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
713.8			UNCONSOLIDATED	39.0	0.0	
674.8			BLACK SHALE	4.2	39.0	
670.6			SANDSTONE	2.9	43.2	
667.7			UNCLASSIFIED	0.0	46.1	

MAPID: 18700056000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 9N 3W SECTION: 27 SW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: ROSEVILLE LONGITUDE: -90.726398

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.736745

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 750.0 LOGGED (FT.): 92.0

LOG TYPE: Drillers Log

SOURCE: PARRISH (FARM)

WELL TYPE: Coal Test

COMMENT: LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
750.0			UNCONSOLIDATED	28.0	0.0	
722.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	0.8	28.0	
721.2	CARBONDALE	FRANCIS CREEK	UNCLASSIFIED	3.0	28.8	
718.2	CARBONDALE	COLCHESTER	COAL	2.2	31.8	
716.0	SPOON		UNCLASSIFIED	26.0	34.0	
690.0	SPOON		BLACK SHALE	10.0	60.0	
680.0	SPOON		UNCLASSIFIED	10.0	70.0	
670.0	SPOON	ROCK ISLAND	COAL	4.0	80.0	UNCERTAIN CORRELATION
666.0	ABBOTT		CLAYSTONE	8.0	84.0	

MAPID: 18700057000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 10N 1W SECTION: 16 SW

FOOT (NS): 10 N FOOT (EW): 50 W

QUADRANGLE: BERWICK

LONGITUDE: -90.5186

GEOLOGIST: WEIBEL

CONFIDENTIAL: N

LATITUDE: 40.853547

DATE COLLECTED: 8 / 0 / 1941

SURFACE ELEVATION (FT.): 745.0

LOGGED (FT.): 183.0

LOG TYPE: Drillers Log

SOURCE: C.L. JENNNINGS

WELL TYPE: Producer-Oil and Gas

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
745.0			UNCONSOLIDATED	80.0	0.0
665.0	SPOON		SHALE	18.7	80.0
646.3	SPOON		SANDSTONE	4.3	98.7
642.0	SPOON		SHALE	30.0	103.0
612.0	SPOON	ROCK ISLAND	COAL	2.0	133.0
610.0	ABBOTT		UNCLASSIFIED	48.0	135.0

MAPID: 18720943000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 10N 1W SECTION: 21 SWNWNWSW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: BERWICK

LONGITUDE: -90.518414

GEOLOGIST: WEIBEL

CONFIDENTIAL: N

LATITUDE: 40.837747

DATE COLLECTED: 0 / 0 / 1968

SURFACE ELEVATION (FT.): 740.2

LOGGED (FT.): 131.3

LOG TYPE: Survey Core Study

SOURCE: NEW JERSEY ZINC CO.

WELL TYPE: Mineral Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
740.2			UNCONSOLIDATED	104.0	0.0
636.2			SILTSTONE	0.5	104.0
635.7			UNCERTAIN	7.2	104.5
628.5			COAL	0.4	111.7
628.1			DARK SHALE	9.4	112.1
618.7			COAL	0.5	121.5
618.2			BLACK SHALE	1.1	122.0
617.1			DARK SHALE	1.9	123.1
615.2			LIMESTONE	4.0	125.0
611.2			SHALE	2.3	129.0
608.9			UNCLASSIFIED	0.0	131.3

MAPID: 18720940000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 10N 2W SECTION: 22 SWSWNW

FOOT (NS): 1 N FOOT (EW): 1 W

QUADRANGLE: BERWICK LONGITUDE: -90.613724

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.843524

DATE COLLECTED: 0 / 0 / 1968

SURFACE ELEVATION (FT.): 769.9 LOGGED (FT.): 109.8

LOG TYPE: Survey Core Study

SOURCE: NEW JERSEY ZINC CO.

WELL TYPE: Mineral Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
769.9			UNCONSOLIDATED	85.0	0.0	
684.9			SANDSTONE	4.3	85.0	
680.6			COAL	0.3	89.3	
680.2			SHALE	1.9	89.7	
678.3			SILTSTONE	10.4	91.6	
667.9			COAL	0.4	102.0	
667.5			SHALE	0.3	102.4	
667.1			COAL	0.5	102.8	
666.6			UNCERTAIN	2.7	103.3	
664.0			BLACK SHALE	3.0	105.9	
661.0			SHALE	0.9	108.9	
660.1			UNCLASSIFIED	0.0	109.8	

MAPID: 18721813000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 10N 3W SECTION: 31

FOOT (NS): 40 S FOOT (EW): 1540 E

QUADRANGLE: KIRKWOOD WEST LONGITUDE: -90.774677

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.806693

DATE COLLECTED: 4 / 28 / 1939

SURFACE ELEVATION (FT.): LOGGED (FT.): 46.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 6-Y

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	23.0	0.0	
-			SHALE	3.0	23.0	
-			BLACK SHALE	1.5	26.0	
-			UNDERCLAY	0.5	27.5	
-			SANDY SHALE	3.0	28.0	
-			BLACK SHALE	0.3	31.0	
-			COAL	0.3	31.3	
-			SANDY SHALE	5.4	31.6	
-			BLUE SHALE	8.0	37.0	
-			SANDSTONE	1.0	45.0	BLUE

MAPID: 18700068000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 10N 3W SECTION: 33 NWSESW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: KIRKWOOD EAST LONGITUDE: -90.743656

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.809128

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 695.0 LOGGED (FT.): 17.0

LOG TYPE: Drillers Log

SOURCE: HALL (FARM)

WELL TYPE: Mine Shaft

COMMENT: IMPRECISE LOCATION AND ELEVATION

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
695.0			UNCONSOLIDATED	11.0	0.0	
684.0	SPOON	SEVILLE	LIMESTONE	3.0	11.0	
681.0	SPOON	ROCK ISLAND	COAL	3.0	14.0	

MAPID: 18721812000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 10N 3W SECTION: 33

FOOT (NS): 678 S FOOT (EW): 940 W

QUADRANGLE: KIRKWOOD EAST LONGITUDE: -90.746248

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.808262

DATE COLLECTED: 4 / 28 / 1939

SURFACE ELEVATION (FT.): LOGGED (FT.): 29.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 5-Y

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	23.0	0.0	
-			BLACK SHALE	1.3	23.0	
-	SPOON	ROCK ISLAND	COAL	0.2	24.3	CORRELATION UNCERTAIN
-			UNDERCLAY	3.6	24.4	
-			ROCK	1.0	28.0	HARD; BLUE

MAPID: 18700071000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 11N 1W SECTION: 6 SWSESW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: CAMERON LONGITUDE: -90.549432

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.964157

DATE COLLECTED: 10 / 27 / 1921

SURFACE ELEVATION (FT.): 750.0

LOGGED (FT.): 124.0

LOG TYPE: Drillers Log

SOURCE: JOHNSON

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
750.0			UNCONSOLIDATED	61.8	0.0
688.2	CARBONDALE		UNCLASSIFIED	16.0	61.8
672.2	CARBONDALE	MECCA QUARRY	BLACK SHALE	0.7	77.8
671.5	CARBONDALE	FRANCIS CREEK	UNCLASSIFIED	6.5	78.5
665.0	CARBONDALE	COLCHESTER	COAL	2.0	85.0
663.0	SPOON		CLAYSTONE	6.0	87.0
657.0	SPOON		UNCLASSIFIED	11.0	93.0
646.0	SPOON		SANDSTONE	4.0	104.0
642.0	SPOON		LIMESTONE	0.8	108.0
641.2	CARBONDALE		COAL	1.1	108.8
640.2	CARBONDALE		SANDSTONE	14.2	109.8

MAPID: 18700094000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 11N 2W SECTION: 36 SWNWNE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: CAMERON LONGITUDE: -90.562846

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.901992

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 740.0

LOGGED (FT.): 143.0

LOG TYPE: Drillers Log

SOURCE: J.R.BOYDSON

WELL TYPE: Coal Test

COMMENT: LOCATION IMPRECISE, ELEVATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
740.0			UNCONSOLIDATED	25.0	0.0
715.0	CARBONDALE	COLCHESTER	COAL	2.5	25.0
712.5	SPOON		UNDERCLAY	42.5	27.5
670.0	SPOON		SANDSTONE	73.0	70.0

MAPID: 18770001000C VERSION: 1

PROJECT: NCRDS

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 10
QUADRANGLE: NORTH HENDERSON LONGITUDE: -90.485765
CONFIDENTIAL: N LATITUDE: 41.047527
SURFACE ELEVATION (FT.): 742.0 LOGGED (FT.): 405.0
SOURCE: UTAH INTERNATIONAL 21082
COMMENT: CODED COAL LOG

FOOT (NS): 690 N FOOT (EW): 2100 E
GEOLOGIST: LOUCHIOS
DATE COLLECTED: 0 / 0 / 1978
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
742.0			NO RECORD	75.0	0.0	
667.0	CARBONDALE		SHALE	27.0	75.0	
640.0	CARBONDALE	COLCHESTER	COAL	7.0	102.0	
633.0			SHALE	198.0	109.0	
435.0			LIMESTONE	98.0	307.0	

MAPID: 18770000000C VERSION: 1

PROJECT: NCRDS

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 13
QUADRANGLE: NORTH HENDERSON LONGITUDE: -90.443206
CONFIDENTIAL: N LATITUDE: 41.029162
SURFACE ELEVATION (FT.): 700.0 LOGGED (FT.): 125.0
SOURCE: UTAH INTERNATIONAL 20954
COMMENT: CODED COAL LOG

FOOT (NS): 1950 N FOOT (EW): 800 E
GEOLOGIST: LOUCHIOS
DATE COLLECTED: 0 / 0 / 1976
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
700.0			NO RECORD	20.0	0.0	
680.0	CARBONDALE		SANDSTONE	38.0	20.0	
642.0	CARBONDALE		SHALE	62.0	58.0	
580.0	CARBONDALE	COLCHESTER	COAL	5.0	120.0	

MAPID: 18721814000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 19
QUADRANGLE: ALEXIS LONGITUDE: -90.545096
CONFIDENTIAL: N LATITUDE: 41.006947
SURFACE ELEVATION (FT.): LOGGED (FT.): 40.5
SOURCE: PITTSBURG & MIDWAY 576
COMMENT:

FOOT (NS): 1 S FOOT (EW): 2570 E
GEOLOGIST: KOROSE
DATE COLLECTED: 3 / 1 / 1945
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	35.0	0.0	
-	CARBONDALE	COLCHESTER	CLAY & COAL	1.0	35.0	TOP OF COAL ERODED
-	CARBONDALE	COLCHESTER	COAL	1.5	36.0	SHELLY
-			SANDSTONE	3.0	37.5	

MAPID: 18721815000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 19

FOOT (NS): 1 S FOOT (EW): 1420 E

QUADRANGLE: ALEXIS LONGITUDE: -90.540911

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 41.006895

DATE COLLECTED: 3 / 1 / 1945

SURFACE ELEVATION (FT.): LOGGED (FT.): 82.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 577

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	22.0	0.0	
-	CARBONDALE	COLCHESTER	COAL	1.0	22.0	STAINS, TOP OF COAL ERODED
-			SANDSTONE	7.0	23.0	
-			CLAYSTONE & SILTST	8.0	30.0	LIGHT
-			LIMESTONE	1.0	38.0	
-			DARK SHALE	12.0	39.0	
-			LIGHT SHALE	25.0	51.0	SANDY AT BASE
-			SANDSTONE	6.0	76.0	GRAY

MAPID: 18721816000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 30

FOOT (NS): 2640 N FOOT (EW): 200 W

QUADRANGLE: CAMERON LONGITUDE: -90.552181

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.999752

DATE COLLECTED: 3 / 3 / 1945

SURFACE ELEVATION (FT.): LOGGED (FT.): 72.1

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 578

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	33.0	0.0	
-	CARBONDALE		BLUE SHALE	7.0	33.0	SOFT
-	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.8	40.0	
-	CARBONDALE	FRANCIS CREEK	CLAYSTONE & SILTST	3.2	41.8	GRAY
-	CARBONDALE	COLCHESTER	COAL	2.1	45.0	HARD
-	SPOON		UNDERCLAY	10.0	47.1	
-	SPOON		SANDY CLAYSTONE	15.0	57.1	

MAPID: 18721817000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 30

FOOT (NS): 1 N FOOT (EW): 200 W

QUADRANGLE: ALEXIS LONGITUDE: -90.552143

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 41.007026

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): LOGGED (FT.): 50.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 584

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY & GRAVEL	30.0	0.0	
-			SANDSTONE	20.0	30.0	SOFT

MAPID: 18721818000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 31

FOOT (NS): 2640 N FOOT (EW): 100 W

QUADRANGLE: CAMERON LONGITUDE: -90.552668

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.985407

DATE COLLECTED: 3 / 8 / 1945

SURFACE ELEVATION (FT.): LOGGED (FT.): 71.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 583

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	38.0	0.0	
-	CARBONDALE		LIGHT SHALE	15.0	38.0	
-	CARBONDALE		GRAY SHALE	10.5	53.0	
-	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.5	63.5	
-	CARBONDALE	FRANCIS CREEK	SHALEY CLAYSTONE	3.0	65.0	LIGHT
-	CARBONDALE	COLCHESTER	COAL	1.8	68.0	
-	SPOON		UNDERCLAY	1.3	69.8	

MAPID: 18700008000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 12N 1W SECTION: 34 SESENE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: GALESBURG WEST LONGITUDE: -90.479871

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.985174

DATE COLLECTED: 7 / 24 / 1923

SURFACE ELEVATION (FT.): 750.0 LOGGED (FT.): 140.0

LOG TYPE: Drillers Log

SOURCE: E.ST.GEORGE (DRILLER)

WELL TYPE: Coal Test

COMMENT: LOCATION AND ELEVATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
750.0			UNCONSOLIDATED	80.0	0.0	
670.0	SPOON		UNCLASSIFIED	55.0	80.0	
615.0	SPOON		BLACK SHALE	1.0	135.0	
614.0	SPOON	ROCK ISLAND	COAL	4.0	136.0	

MAPID: 18700012000C VERSION: 1

PROJECT: NCRDS87

COUNTY: WARREN TWP/RNG: 12N 2W SECTION: 24 NESWSENE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: ALEXIS LONGITUDE: -90.555652

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 41.015303

DATE COLLECTED: 0 / 0 / 1926

SURFACE ELEVATION (FT.): 717.0 LOGGED (FT.): 79.0

LOG TYPE: Drillers Log

SOURCE: CLARK LAIR (FARM)

WELL TYPE: Coal Test

COMMENT: LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
717.0			UNCONSOLIDATED	63.0	0.0	
654.0	SPOON		UNCLASSIFIED	12.0	63.0	
642.0	SPOON	ROCK ISLAND	COAL	4.0	75.0	

MAPID: 18721819000C VERSION: 1

PROJECT: NCRDS95

COUNTY: WARREN TWP/RNG: 12N 2W SECTION: 35

FOOT (NS): 2640 N FOOT (EW): 2640 E

QUADRANGLE: CAMERON LONGITUDE: -90.581508

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.985616

DATE COLLECTED: 3 / 5 / 1945

SURFACE ELEVATION (FT.): LOGGED (FT.): 62.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 580

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	PLEISTOCENE		CLAY	26.0	0.0	
-			SANDSTONE	28.0	26.0	
-			SANDY SHALE	4.0	54.0	
-			COAL	0.5	58.0	STAINS
-			SANDY CLAYSTONE	3.5	58.5	