



# Status Report

**Total Records: 48**

**TOP 3 COUNTY RECORDS**

ADAMS 48

**TOP 3 MEMBER RECORDS**

COLCHESTER 54 COAL  
 COLCHESTER 12 FUSAIN  
 MECCA QUARRY 7 BLACK SHALE

**TOP 3 LOG TYPE RECORDS**

Drillers Log 37  
 Survey Sample Study 6  
 Measured section 5

**TOP 3 COAL RECORDS**

COLCHESTER 54  
 DANVILLE 1  
 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
DANVILLE	COAL	114.0	114.0	114.0	3.0	3.0	3.0
OAK GROVE	LIMESTONE	50.2	29.0	65.8	2.1	0.5	3.7
MECCA QUARRY	SHALE	92.1	30.5	335.0	2.9	1.0	6.0
FRANCIS CREEK	SANDSTONE	55.0	32.5	73.8	11.3	2.0	20.0
COLCHESTER	COAL	67.8	0.2	117.5	2.0	0.2	3.0
<b>Net Coal</b>					<b>5.0</b>		

MAPID: 00122545000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 1N 5W SECTION: 1

FOOT (NS): 2400 N FOOT (EW): 50 E

QUADRANGLE: CLAYTON LONGITUDE: -90.9136

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.097881

DATE COLLECTED: 6 / 7 / 1967

SURFACE ELEVATION (FT.): 711.0 LOGGED (FT.): 124.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 24-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
711.0	PLEISTOCENE		CLAY	42.0	0.0	
669.0	PLEISTOCENE		MUD	13.0	42.0	BLUE
656.0	CARBONDALE		SHALE	62.5	55.0	
593.5	CARBONDALE	COLCHESTER	COAL	2.3	117.5	
591.2	SPOON		UNDERCLAY	1.3	119.8	
590.0	SPOON		CALCAREOUS SHALE	2.5	121.0	
587.5	SPOON		LIMESTONE	0.5	123.5	

MAPID: 00122546000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 1N 5W SECTION: 12

FOOT (NS): 2640 N FOOT (EW): 1 W

QUADRANGLE: CLAYTON LONGITUDE: -90.93273

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.083865

DATE COLLECTED: 7 / 14 / 1967

SURFACE ELEVATION (FT.): 645.0 LOGGED (FT.): 100.5

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 25-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
645.0	PLEISTOCENE		CLAY	37.0	0.0	
608.0	PLEISTOCENE		MUD	18.0	37.0	BLUE
590.0			GRAY SHALE	9.0	55.0	
581.0			LIGHT SHALE	36.0	64.0	
545.0			LIMESTONE	0.5	100.0	

MAPID: 00121500000C VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 1S 5W SECTION: 22 SESWNW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.968418

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.968047

DATE COLLECTED: 4 / 12 / 1980

SURFACE ELEVATION (FT.): 730.0

LOGGED (FT.): 400.0

LOG TYPE: Drillers Log

SOURCE: J. P. JOHNSON

WELL TYPE: Water Well

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
730.0			UNCONSOLIDATED	48.0	0.0	
682.0			SHALE	64.0	48.0	
618.0			COAL	5.0	112.0	
613.0			ROCK	283.0	117.0	

MAPID: 00122547000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 1

FOOT (NS): 2700 N FOOT (EW): 1220 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.926654

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.185639

DATE COLLECTED: 1 / 19 / 1967

SURFACE ELEVATION (FT.): 670.0

LOGGED (FT.): 59.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 43-C

WELL TYPE: Coal Test

COMMENT: SURFELV UPDATED TO REFLECT TOPO

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
670.0	PLEISTOCENE		CLAY	9.0	0.0	
661.0	CARBONDALE		SANDSTONE	37.0	9.0	
624.0	CARBONDALE		LIMESTONE	1.0	46.0	
623.0	CARBONDALE		SANDSTONE	3.0	47.0	
620.0	CARBONDALE	COLCHESTER	COAL	1.5	50.0	
618.5	SPOON		UNDERCLAY	5.0	51.5	
613.5	SPOON		CALCAREOUS SHALE	1.5	56.5	
612.0	SPOON		SHALE	1.0	58.0	

MAPID: 00122548000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 2

FOOT (NS): 2760 N FOOT (EW): 1760 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.94379

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.185655

DATE COLLECTED: 1 / 19 / 1967

SURFACE ELEVATION (FT.): 671.0 LOGGED (FT.): 52.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 42-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
671.0	PLEISTOCENE		CLAY	14.0	0.0
657.0	CARBONDALE		SANDSTONE	30.0	14.0
627.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.0	44.0
626.0	CARBONDALE	FRANCIS CREEK	SHALE	2.0	45.0
624.0	CARBONDALE	COLCHESTER	COAL	2.2	47.0
621.8			UNDERCLAY	2.8	49.2

MAPID: 00122549000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 3

FOOT (NS): 650 N FOOT (EW): 2675 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.959724

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.191686

DATE COLLECTED: 7 / 7 / 1967

SURFACE ELEVATION (FT.): 675.0 LOGGED (FT.): 57.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 5-P

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
675.0	PLEISTOCENE		CLAY	21.0	0.0
654.0	CARBONDALE		SANDSTONE	8.0	21.0
646.0	CARBONDALE	OAK GROVE	LIMESTONE	0.5	29.0
645.5	CARBONDALE		SHALE	1.0	29.5
644.5	CARBONDALE	MECCA QUARRY	BLACK SHALE	2.0	30.5
642.5	CARBONDALE	FRANCIS CREEK	DARK SHALE	3.5	32.5
639.0	CARBONDALE		LIGHT SHALE	18.0	36.0
621.0	CARBONDALE	COLCHESTER	COAL	2.2	54.0
618.8			UNDERCLAY	0.8	56.2

MAPID: 0012255000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 4  
QUADRANGLE: AUGUSTA LONGITUDE: -90.96964  
CONFIDENTIAL: N LATITUDE: 40.17892  
SURFACE ELEVATION (FT.): 657.0 LOGGED (FT.): 70.0  
SOURCE: PITTSBURG & MIDWAY 5-C  
COMMENT:

FOOT (NS): 10 S FOOT (EW): 100 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 7 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
657.0	PLEISTOCENE		CLAY	26.0	0.0	
631.0	PLEISTOCENE		GRAVEL	19.0	26.0	
612.0			SHALE	5.0	45.0	
607.0			SANDSTONE	5.0	50.0	
602.0			SHALE	13.0	55.0	
589.0			SANDSTONE	2.0	68.0	

MAPID: 00122551000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 4  
QUADRANGLE: AUGUSTA LONGITUDE: -90.969134  
CONFIDENTIAL: N LATITUDE: 40.186163  
SURFACE ELEVATION (FT.): 688.0 LOGGED (FT.): 79.0  
SOURCE: PITTSBURG & MIDWAY 19-P  
COMMENT:

FOOT (NS): 2640 S FOOT (EW): 10 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 12 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
688.0	PLEISTOCENE		SANDY CLAY	27.0	0.0	
661.0	CARBONDALE		SANDSTONE	21.5	27.0	BROWN
639.5	CARBONDALE	OAK GROVE	LIMESTONE	2.3	48.5	
637.2	CARBONDALE		GRAY SHALE	1.3	50.8	
636.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	2.5	52.0	
633.5	CARBONDALE	FRANCIS CREEK	GRAY SHALE	20.0	54.5	
613.5	CARBONDALE	COLCHESTER	COAL	2.5	74.5	
611.0			UNDERCLAY	2.0	77.0	

MAPID: 00169136000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 4 SENESENE  
QUADRANGLE: AUGUSTA LONGITUDE: -90.969631  
CONFIDENTIAL: N LATITUDE: 40.188563  
SURFACE ELEVATION (FT.): 670.0 LOGGED (FT.): 56.3  
SOURCE: DL REINERTSEN  
COMMENT: FROM FIELD NOTED;OUTCROP;SURELV EST'D

FOOT (NS): 0 FOOT (EW): 0  
GEOLOGIST: J MCBETH  
DATE COLLECTED: 6 / 0 / 1961  
LOG TYPE: Measured section  
WELL TYPE: Outcrop

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
616.0	CARBONDALE	COLCHESTER	COAL	2.3	54.0	ELEVATION OF COAL = 616 FEET

MAPID: 00122552000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 8

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

QUADRANGLE: BOWEN LONGITUDE: -91.007084

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.179658

DATE COLLECTED: 7 / 12 / 1967

SURFACE ELEVATION (FT.): 693.0 LOGGED (FT.): 90.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 20-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
693.0	PLEISTOCENE		CLAY	28.0	0.0	
665.0	PLEISTOCENE		MUD	10.0	28.0	BLUE
655.0	PLEISTOCENE		GRAVEL	34.0	38.0	
621.0			CALCAREOUS SHALE	3.0	72.0	
618.0			LIGHT SHALE	15.0	75.0	
603.0			LIMESTONE	0.0	90.0	

MAPID: 00122553000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 9

FOOT (NS): 2550 S FOOT (EW): 1320 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.974168

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.171357

DATE COLLECTED: 7 / 12 / 1967

SURFACE ELEVATION (FT.): 686.0 LOGGED (FT.): 90.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 19-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
686.0	PLEISTOCENE		CLAY	30.0	0.0	
656.0	PLEISTOCENE		MUD	18.0	30.0	BLUE
638.0	PLEISTOCENE		GRAVEL	10.5	48.0	
627.5	CARBONDALE		SHALE	1.5	58.5	
626.0	CARBONDALE		COAL	1.0	60.0	FREE COAL
625.0	CARBONDALE		LIGHT SHALE	2.0	61.0	
623.0	CARBONDALE		SANDSTONE	2.0	63.0	
621.0	CARBONDALE		COAL	0.6	65.0	
620.4	CARBONDALE		UNDERCLAY	1.5	65.6	
618.9	CARBONDALE		SANDSTONE	7.9	67.1	
611.0	CARBONDALE		LIGHT SHALE	5.0	75.0	
606.0	CARBONDALE		SANDSTONE	4.0	80.0	
602.0	CARBONDALE	COLCHESTER	COAL	2.3	84.0	
599.7			UNDERCLAY	3.8	86.3	

MAPID: 00122554000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 11  
QUADRANGLE: AUGUSTA LONGITUDE: -90.944158  
CONFIDENTIAL: N LATITUDE: 40.176691  
SURFACE ELEVATION (FT.): 687.0 LOGGED (FT.): 91.0  
SOURCE: PITTSBURG & MIDWAY 6-C  
COMMENT:

FOOT (NS): 600 N FOOT (EW): 1675 W  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 7 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
687.0	PLEISTOCENE		CLAY	30.0	0.0	
657.0	CARBONDALE		SHALE	43.0	30.0	
614.0	CARBONDALE		LIGHT SHALE	13.0	73.0	
601.0	CARBONDALE	COLCHESTER	COAL	0.2	86.0	SOFT
600.8			UNDERCLAY	3.8	86.2	
597.0			SANDSTONE	1.0	90.0	WHITE

MAPID: 00122555000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 11  
QUADRANGLE: AUGUSTA LONGITUDE: -90.94484  
CONFIDENTIAL: N LATITUDE: 40.163761  
SURFACE ELEVATION (FT.): 688.0 LOGGED (FT.): 83.0  
SOURCE: PITTSBURG & MIDWAY 6-P  
COMMENT:

FOOT (NS): 15 S FOOT (EW): 1550 W  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 7 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
688.0	PLEISTOCENE		CLAY	32.0	0.0	
656.0	PLEISTOCENE		MUD	25.0	32.0	BLUE
631.0	CARBONDALE		SHALE	22.0	57.0	SOFT
609.0	CARBONDALE	COLCHESTER	COAL	2.2	79.0	
606.8			UNDERCLAY	1.8	81.2	

MAPID: 00122556000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 11

FOOT (NS): 2600 S FOOT (EW): 1150 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.946151

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.170921

DATE COLLECTED: 1 / 19 / 1967

SURFACE ELEVATION (FT.): 681.0 LOGGED (FT.): 103.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 41-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
681.0	PLEISTOCENE		CLAY	36.0	0.0	
645.0			GRAY SHALE	52.0	36.0	
593.0			UNDERCLAY	4.0	88.0	COLCHESTER HORIZON?
589.0			CALCAREOUS SHALE	2.0	92.0	
587.0			SHALE	8.0	94.0	
579.0			LIMESTONE	1.0	102.0	

MAPID: 00183601000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 12 NENE

FOOT (NS): 1 S FOOT (EW): 660 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.914677

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.174259

DATE COLLECTED: 4 / 30 / 1959

SURFACE ELEVATION (FT.): LOGGED (FT.): 0.0

LOG TYPE: Survey Sample Study

SOURCE: TRIPLE S MINE

WELL TYPE: Strip Mine

COMMENT: FACE CHANNEL SAMPLE #1

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	CARBONDALE	COLCHESTER	COAL	0.3		ELEVATIONS & DEPTH UNKNOWN
-	CARBONDALE	COLCHESTER	FUSAIN	0.0		ELEVATIONS & DEPTH UNKNOWN
-	CARBONDALE	COLCHESTER	COAL	0.3		
-	CARBONDALE	COLCHESTER	COAL	0.0		WITH FUSAIN 50%
-	CARBONDALE	COLCHESTER	FUSAIN	0.1		
-	CARBONDALE	COLCHESTER	COAL	0.3		
-	CARBONDALE	COLCHESTER	FUSAIN	0.1		
-	CARBONDALE	COLCHESTER	COAL	0.1		
-	CARBONDALE	COLCHESTER	FUSAIN	0.0		
-	CARBONDALE	COLCHESTER	COAL	0.2		
-	CARBONDALE	COLCHESTER	FUSAIN	0.0		
-	CARBONDALE	COLCHESTER	COAL	0.5		

MAPID: 00183602000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 12 NE

FOOT (NS): 1 S FOOT (EW): 600 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.914506

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.170607

DATE COLLECTED: 4 / 30 / 1959

SURFACE ELEVATION (FT.): LOGGED (FT.): 0.0

LOG TYPE: Survey Sample Study

SOURCE: TRIPLE S MINE

WELL TYPE: Strip Mine

COMMENT: FACE CHANNEL SAMPLE #2, FROM MINE NOTES

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
-	CARBONDALE	COLCHESTER	COAL	0.4	ELEVATIONS & DEPTHS UNKNOWN
-	CARBONDALE	COLCHESTER	FUSAIN	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.2	
-	CARBONDALE	COLCHESTER	FUSAIN	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.2	
-	CARBONDALE	COLCHESTER	FUSAIN	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.2	
-	CARBONDALE	COLCHESTER	PYRITE	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.7	
-	CARBONDALE	COLCHESTER	PYRITE	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.1	

MAPID: 00183603000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 12 SENWSE

FOOT (NS): 640 N FOOT (EW): 340 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.918254

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.167038

DATE COLLECTED: 11 / 14 / 1968

SURFACE ELEVATION (FT.): LOGGED (FT.): 0.0

LOG TYPE: Survey Sample Study

SOURCE: TRIPPLE S MINE #2

WELL TYPE: Strip Mine

COMMENT: FACE CHANNEL SAMPLE #3; FROM MINE NOTES

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
-	CARBONDALE	COLCHESTER	COAL	0.3	ELEVATIONS & DEPTHS UNKNOWN
-	CARBONDALE	COLCHESTER	FUSAIN	0.1	
-	CARBONDALE	COLCHESTER	COAL	0.6	
-	CARBONDALE	COLCHESTER	PYRITE	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.1	
-	CARBONDALE	COLCHESTER	PYRITE	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.6	
-	CARBONDALE	COLCHESTER	FUSAIN	0.0	
-	CARBONDALE	COLCHESTER	COAL	0.6	

MAPID: 00183604000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 12 SENWSE

FOOT (NS): 340 N FOOT (EW): 340 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.918246

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.167866

DATE COLLECTED: 11 / 14 / 1968

SURFACE ELEVATION (FT.): LOGGED (FT.): 0.0

LOG TYPE: Survey Sample Study

SOURCE: TRIPPLE S MINE 2

WELL TYPE: Strip Mine

COMMENT: FACE CHANNEL SAMPLE #1

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	CARBONDALE	COLCHESTER	COAL	0.8		ELEVATIONS & DEPTH UNKNOWN
-	CARBONDALE	COLCHESTER	PYRITE	0.1		
-	CARBONDALE	COLCHESTER	COAL	0.4		
-	CARBONDALE	COLCHESTER	FUSAIN	0.1		WITH PYRITE LENSES AND NODULES
-	CARBONDALE	COLCHESTER	COAL	0.6		NORMALLY BRIGHT-BANDED
-	CARBONDALE	COLCHESTER	COAL	0.3		DULL
-	CARBONDALE	COLCHESTER	COAL	0.2		

MAPID: 00183605000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 12 SENWSE

FOOT (NS): 540 N FOOT (EW): 340 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.918249

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.167314

DATE COLLECTED: 11 / 14 / 1968

SURFACE ELEVATION (FT.): LOGGED (FT.): 0.0

LOG TYPE: Survey Sample Study

SOURCE: TRIPPLE S MINE 2

WELL TYPE: Strip Mine

COMMENT: FACE CHANNEL SAMPLE #2, FROM MINE NOTES

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	CARBONDALE	COLCHESTER	COAL	0.9		ELEVATIONS & DEPTH UNKNOWN
-	CARBONDALE	COLCHESTER	COAL	0.1		ELEVATIONS & DEPTHS UNKNOWN
-	CARBONDALE	COLCHESTER	COAL	0.7		
-	CARBONDALE	COLCHESTER	FUSAIN	0.0		
-	CARBONDALE	COLCHESTER	COAL	0.1		

MAPID: 00100017000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 14 NESWNW

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

QUADRANGLE: AUGUSTA LONGITUDE: -90.946914

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.159168

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 684.0 LOGGED (FT.): 82.3

LOG TYPE: Drillers Log

SOURCE: WATER WELL

WELL TYPE: Water Well

COMMENT: LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
684.0			UNCONSOLIDATED	66.0	0.0	
618.0	CARBONDALE		SHALE	14.0	66.0	
604.0	CARBONDALE	COLCHESTER	COAL	2.3	80.0	

MAPID: 00102000000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 14 SWSWNE

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

QUADRANGLE: AUGUSTA LONGITUDE: -90.939758

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.157163

DATE COLLECTED: 0 / 0 / 1926

SURFACE ELEVATION (FT.): 680.0 LOGGED (FT.): 82.3

LOG TYPE: Drillers Log

SOURCE: OW ALEXANDER FARMS

WELL TYPE: Coal Test

COMMENT: USED IN CO-OP III REPORT

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
680.0			UNKNOWN	80.0	0.0	
600.0	CARBONDALE	COLCHESTER	COAL	2.3	80.0	

MAPID: 00116000000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 14 SENWSW

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

QUADRANGLE: AUGUSTA LONGITUDE: -90.947012

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.153649

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 683.0 LOGGED (FT.): 82.5

LOG TYPE: Drillers Log

SOURCE: JJ DUTTON FARM

WELL TYPE: Coal Test

COMMENT: USED IN CO-OP III REPORT

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
683.0	PLEISTOCENE		UNCONSOLIDATED	60.0	0.0	CLAY,SAND,GRAVEL
623.0	CARBONDALE	FRANCIS CREEK	SHALE	20.0	60.0	
603.0	CARBONDALE	COLCHESTER	COAL	2.5	80.0	

MAPID: 00122557000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 16

FOOT (NS): 10 N FOOT (EW): 1 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.988465

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.164576

DATE COLLECTED: 7 / 12 / 1967

SURFACE ELEVATION (FT.): 695.0 LOGGED (FT.): 107.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 20-P

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
695.0	PLEISTOCENE		CLAY	42.0	0.0	
653.0	PLEISTOCENE		SANDY CLAY	43.0	42.0	BLUE
610.0			SANDSTONE	9.5	85.0	GREEN
600.5			GRAY SHALE	7.5	94.5	COAL SHOWING AT BASE
593.0			GRAY SHALE	4.5	102.0	
588.5			LIMESTONE	0.5	106.5	

MAPID: 00122558000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 16  
QUADRANGLE: AUGUSTA LONGITUDE: -90.978586  
CONFIDENTIAL: N LATITUDE: 40.164368  
SURFACE ELEVATION (FT.): 696.0 LOGGED (FT.): 107.0  
SOURCE: PITTSBURG & MIDWAY 21-P  
COMMENT:

FOOT (NS): 15 N FOOT (EW): 2750 W  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 12 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
696.0	PLEISTOCENE		SANDY CLAY	46.0	0.0	
650.0	PLEISTOCENE		SANDY CLAY	61.0	46.0	BLUE

MAPID: 00122559000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 23  
QUADRANGLE: AUGUSTA LONGITUDE: -90.941727  
CONFIDENTIAL: N LATITUDE: 40.148721  
SURFACE ELEVATION (FT.): 673.0 LOGGED (FT.): 80.0  
SOURCE: PITTSBURG & MIDWAY 7-P  
COMMENT:

FOOT (NS): 75 N FOOT (EW): 2500 W  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 8 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
673.0	PLEISTOCENE		CLAY	37.0	0.0	
636.0	PLEISTOCENE		MUD	26.5	37.0	BLUE
609.5	CARBONDALE		SHALE	11.0	63.5	
598.5	CARBONDALE	COLCHESTER	COAL	2.2	74.5	
596.3			UNDERCLAY	3.3	76.7	

MAPID: 00122560000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 24  
QUADRANGLE: AUGUSTA LONGITUDE: -90.912931  
CONFIDENTIAL: N LATITUDE: 40.137427  
SURFACE ELEVATION (FT.): 680.0 LOGGED (FT.): 84.0  
SOURCE: PITTSBURG & MIDWAY 36-P  
COMMENT:

FOOT (NS): 1300 S FOOT (EW): 10 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 17 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
680.0	PLEISTOCENE		CLAY	37.0	0.0	
643.0	CARBONDALE		SHALE	41.5	37.0	SOFT
601.5	CARBONDALE	COLCHESTER	COAL	2.4	78.5	
599.1			UNDERCLAY	3.1	80.9	

MAPID: 00122561000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 25  
QUADRANGLE: AUGUSTA LONGITUDE: -90.913659  
CONFIDENTIAL: N LATITUDE: 40.133797  
SURFACE ELEVATION (FT.): 649.0 LOGGED (FT.): 53.0  
SOURCE: PITTSBURG & MIDWAY 7-C  
COMMENT:

FOOT (NS): 20 N FOOT (EW): 200 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 8 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
649.0	PLEISTOCENE		UNCONSOLIDATED	51.0	0.0	CLAY, MUD, GRAVEL WHITE
598.0			SANDSTONE	1.0	51.0	
597.0			LIMESTONE	1.0	52.0	

MAPID: 00122562000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 25  
QUADRANGLE: CLAYTON LONGITUDE: -90.913383  
CONFIDENTIAL: N LATITUDE: 40.119131  
SURFACE ELEVATION (FT.): 691.0 LOGGED (FT.): 96.0  
SOURCE: PITTSBURG & MIDWAY 21-C  
COMMENT:

FOOT (NS): 10 S FOOT (EW): 50 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 13 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
691.0	PLEISTOCENE		CLAY	30.0	0.0	
661.0	PLEISTOCENE		MUD	54.0	30.0	BLUE
607.0	CARBONDALE		SHALE	4.5	84.0	SOFT
602.5	CARBONDALE	COLCHESTER	COAL	2.2	88.5	
600.3			UNDERCLAY	3.3	90.7	
597.0			LIMESTONE	1.0	94.0	

MAPID: 00122563000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 25  
QUADRANGLE: AUGUSTA LONGITUDE: -90.915814  
CONFIDENTIAL: N LATITUDE: 40.133835  
SURFACE ELEVATION (FT.): 665.0 LOGGED (FT.): 87.0  
SOURCE: PITTSBURG & MIDWAY 35-P  
COMMENT:

FOOT (NS): 20 N FOOT (EW): 800 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 7 / 17 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
665.0	PLEISTOCENE		CLAY	30.0	0.0	
635.0	PLEISTOCENE		CLAY	53.0	30.0	BLUE
582.0			SANDSTONE	4.0	83.0	WHITE

MAPID: 00100019000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 35 NWNE

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

QUADRANGLE: CLAYTON LONGITUDE: -90.939374

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.117843

DATE COLLECTED: 9 / 0 / 1914

SURFACE ELEVATION (FT.): 703.0 LOGGED (FT.): 125.0

LOG TYPE: Drillers Log

SOURCE: RUEBEN ALEXANDER (FARM)

WELL TYPE: Coal Test

COMMENT: ELEVATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
703.0			UNCONSOLIDATED	73.0	0.0
630.0	CARBONDALE		UNCLASSIFIED	7.0	73.0
623.0	CARBONDALE	COLCHESTER	COAL	1.3	80.0
621.7	SPOON		UNCLASSIFIED	43.7	81.3

MAPID: 00122564000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 5W SECTION: 35

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

QUADRANGLE: CLAYTON LONGITUDE: -90.932575

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.104821

DATE COLLECTED: 7 / 14 / 1967

SURFACE ELEVATION (FT.): 707.0 LOGGED (FT.): 120.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 26-P

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
707.0	PLEISTOCENE		CLAY	21.0	0.0
686.0	PLEISTOCENE		GRAVEL	6.0	21.0
680.0	PLEISTOCENE		CLAY	49.5	27.0 BLUE
630.5	CARBONDALE		LIMESTONE	1.8	76.5
628.7	CARBONDALE		SHALE	36.8	78.3
592.0	CARBONDALE	COLCHESTER	COAL	1.7	115.0
590.3			UNDERCLAY	3.3	116.7

MAPID: 00122565000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 2

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

QUADRANGLE: BOWEN LONGITUDE: -91.046647

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.1798

DATE COLLECTED: 0 / 0 / 1967

SURFACE ELEVATION (FT.): 696.0 LOGGED (FT.): 96.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 2-W

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
696.0	PLEISTOCENE		CLAY	43.0	0.0	
653.0	CARBONDALE		DARK SHALE	9.0	43.0	
644.0	CARBONDALE		SANDSTONE	11.5	52.0	
632.5	CARBONDALE		BLACK SHALE	2.3	63.5	
630.2	CARBONDALE	OAK GROVE	LIMESTONE	2.0	65.8	
628.2	CARBONDALE	MECCA QUARRY	BLACK SHALE	6.0	67.8	
622.2	CARBONDALE	FRANCIS CREEK	DARK SHALE	10.8	73.8	
611.4	CARBONDALE	COLCHESTER	COAL	1.4	84.6	
610.0			SHALE	10.0	86.0	

MAPID: 00100020000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 3 SESE

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

QUADRANGLE: BOWEN LONGITUDE: -91.068122

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.181728

DATE COLLECTED: 0 / 0 / 1905

SURFACE ELEVATION (FT.): 695.7 LOGGED (FT.): 67.0

LOG TYPE: Drillers Log

SOURCE: MCGILL ESTATE-S.A. MCGILL

WELL TYPE: Mine Shaft

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
695.7			UNCONSOLIDATED	48.0	0.0	
647.7	CARBONDALE		UNCLASSIFIED	14.0	48.0	INCLUDES "BLACK SLATE"
633.7	CARBONDALE	COLCHESTER	COAL	3.0	62.0	
630.7	SPOON		UNDERCLAY	2.0	65.0	

MAPID: 00122566000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 3

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

QUADRANGLE: BOWEN LONGITUDE: -91.084652

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.194975

DATE COLLECTED: 9 / 11 / 1967

SURFACE ELEVATION (FT.): 691.0 LOGGED (FT.): 90.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 7-W

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
691.0	PLEISTOCENE		CLAY	50.0	0.0
641.0	CARBONDALE		SHALE	12.5	50.0
628.5	CARBONDALE	COLCHESTER	SHALE/COAL	0.8	62.5
627.7	CARBONDALE	COLCHESTER	SHALE	0.8	63.3
627.0	CARBONDALE	COLCHESTER	COAL	0.4	64.0
626.6			LIGHT SHALE	25.6	64.4

MAPID: 00122567000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 9

FOOT (NS): 1 N FOOT (EW): 75 E

QUADRANGLE: BOWEN LONGITUDE: -91.08517

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.179939

DATE COLLECTED: 9 / 8 / 1967

SURFACE ELEVATION (FT.): 694.0 LOGGED (FT.): 84.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 4-W

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN COMMENT	
694.0	PLEISTOCENE		CLAY	42.0	0.0	
652.0	CARBONDALE		SHALE	8.3	42.0	
643.7	CARBONDALE		LIMESTONE	0.7	50.3	
643.0	CARBONDALE		SHALE	4.5	51.0	
638.5	CARBONDALE		SANDSTONE	0.5	55.5	BROWN
638.0	CARBONDALE		SANDSTONE	5.0	56.0	SOFT
633.0	CARBONDALE		SHALE	18.7	61.0	
614.3	CARBONDALE	COLCHESTER	COAL	0.8	79.7	
613.5			SHALE	3.5	80.5	

MAPID: 00122568000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 9  
QUADRANGLE: BOWEN LONGITUDE: -91.104035  
CONFIDENTIAL: N LATITUDE: 40.180202  
SURFACE ELEVATION (FT.): 693.0 LOGGED (FT.): 96.0  
SOURCE: PITTSBURG & MIDWAY 5-W  
COMMENT:

FOOT (NS): 1 N FOOT (EW): 1 W  
GEOLOGIST: KOROSE  
DATE COLLECTED: 9 / 9 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
693.0	PLEISTOCENE		CLAY	52.0	0.0
641.0			DARK SHALE	26.0	52.0
615.0			LIGHT SHALE	18.0	78.0

MAPID: 00122569000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 10  
QUADRANGLE: BOWEN LONGITUDE: -91.065765  
CONFIDENTIAL: N LATITUDE: 40.179844  
SURFACE ELEVATION (FT.): 697.0 LOGGED (FT.): 80.0  
SOURCE: PITTSBURG & MIDWAY 3-W  
COMMENT:

FOOT (NS): 1 N FOOT (EW): 1 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 9 / 8 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
697.0	PLEISTOCENE		CLAY	51.0	0.0
646.0	CARBONDALE		DARK SHALE	4.0	51.0
642.0	CARBONDALE		SANDSTONE	2.5	55.0
639.5	CARBONDALE	OAK GROVE	LIMESTONE	3.7	57.5 HARD
635.8	CARBONDALE	MECCA QUARRY	BLACK SHALE	2.8	61.2
633.0	CARBONDALE	FRANCIS CREEK	DARK SHALE	11.3	64.0
621.7	CARBONDALE	COLCHESTER	COAL	2.1	75.3
619.6			SHALE	2.6	77.4

MAPID: 00122570000C VERSION: 1

PROJECT: NCRDS95

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 12  
QUADRANGLE: BOWEN LONGITUDE: -91.027488  
CONFIDENTIAL: N LATITUDE: 40.179913  
SURFACE ELEVATION (FT.): 698.0 LOGGED (FT.): 96.0  
SOURCE: PITTSBURG & MIDWAY 1-W  
COMMENT:

FOOT (NS): 1 N FOOT (EW): 1 E  
GEOLOGIST: KOROSE  
DATE COLLECTED: 9 / 7 / 1967  
LOG TYPE: Drillers Log  
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
698.0	PLEISTOCENE		CLAY	34.0	0.0
664.0			DARK SHALE	39.0	34.0
625.0			SANDSTONE	23.0	73.0

MAPID: 00100027000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ADAMS TWP/RNG: 2N 6W SECTION: 36 SENWNWSW  
QUADRANGLE: CAMP POINT LONGITUDE: -91.046164  
CONFIDENTIAL: N LATITUDE: 40.112638  
SURFACE ELEVATION (FT.): 693.8 LOGGED (FT.): 63.0  
SOURCE: JOHN IHRIG (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.) UNIT	OVERBURDEN	COMMENT
693.8			UNCONSOLIDATED	37.0	0.0	
656.8	CARBONDALE		UNCLASSIFIED	17.0	37.0	
639.8	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.0	54.0	
638.8	CARBONDALE	COLCHESTER	COAL	2.5	55.0	
636.3	SPOON		UNDERCLAY	3.5	57.5	
632.8	SPOON		LIMESTONE	2.0	61.0	

MAPID: 00121221000C VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 4 SESENE  
QUADRANGLE: KELLERVILLE LONGITUDE: -90.974875  
CONFIDENTIAL: N LATITUDE: 39.924701  
SURFACE ELEVATION (FT.): 690.0 LOGGED (FT.): 345.0  
SOURCE: J. B. BUSHNELL, DRLG. CONTR.  
COMMENT:

FOOT (NS): 0 FOOT (EW): 0  
GEOLOGIST: TREWORGY,J  
DATE COLLECTED: 4 / 0 / 1976  
LOG TYPE: Drillers Log  
WELL TYPE: Water Well

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.) UNIT	OVERBURDEN	COMMENT
690.0			UNCONSOLIDATED	48.0	0.0	
642.0			SHALE	54.0	48.0	
588.0			COAL	4.0	102.0	
584.0			ROCK	239.0	106.0	

MAPID: 001163B0001F VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 20 SWSESWNE  
QUADRANGLE: KELLERVILLE LONGITUDE: -90.99959  
CONFIDENTIAL: N LATITUDE: 39.881659  
SURFACE ELEVATION (FT.): 673.0 LOGGED (FT.): 63.6  
SOURCE: FLD NOTES-REINERTSEN  
COMMENT:

FOOT (NS): 0 FOOT (EW): 0  
GEOLOGIST: TREWORGY,J  
DATE COLLECTED: 5 / 19 / 1961  
LOG TYPE: Measured section  
WELL TYPE: Outcrop

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.) UNIT	OVERBURDEN	COMMENT
673.0			UNCONSOLIDATED	36.0	0.0	
637.0			ROCK	8.8	36.0	
628.2	CARBONDALE	COLCHESTER	COAL	1.5	44.8	ELEV. 629'
626.7			ROCK	17.3	46.3	

MAPID: 001163B0002F VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 22 SENWSE

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.960967

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.878434

DATE COLLECTED: 5 / 19 / 1961

SURFACE ELEVATION (FT.): 622.0 LOGGED (FT.): 1.8

LOG TYPE: Measured section

SOURCE: FLD NOTES-REINERTSEN

WELL TYPE: Outcrop

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
622.0			BLACK SHALE	0.3	0.0	
621.8	CARBONDALE	COLCHESTER	COAL	1.4	0.2	ELEV. 622'
620.3			UNDERCLAY	0.2	1.7	

MAPID: 00100029000C VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 24 NWSW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.93349

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.879224

DATE COLLECTED: 12 / 0 / 1946

SURFACE ELEVATION (FT.): 644.0 LOGGED (FT.): 41.0

LOG TYPE: Drillers Log

SOURCE: DEPT. OF CONSERVATION-DAM SITE

WELL TYPE: Engineering Test Holes

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
644.0			UNCONSOLIDATED	20.0	0.0	
624.0			ROCK	15.0	20.0	
609.0			COAL	2.0	35.0	
607.0			ROCK	4.0	37.0	

MAPID: 00100252000C VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 24 NWSW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.93349

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.879224

DATE COLLECTED: 12 / 0 / 1946

SURFACE ELEVATION (FT.): 631.0 LOGGED (FT.): 23.5

LOG TYPE: Drillers Log

SOURCE: DEPT. OF CONSERVATION-DAM SITE

WELL TYPE: Engineering Test Holes

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
631.0			UNCONSOLIDATED	21.0	0.0	
610.0			COAL	2.3	21.0	
607.7			ROCK	0.3	23.3	

MAPID: 00100253000C VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 24 NWSW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.93349

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.879224

DATE COLLECTED: 12 / 0 / 1946

SURFACE ELEVATION (FT.): 618.0 LOGGED (FT.): 15.5

LOG TYPE: Drillers Log

SOURCE: DEPT. OF CONSERVATION-DAMSITE

WELL TYPE: Engineering Test Holes

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
618.0			UNCONSOLIDATED	9.0	0.0	
609.0			COAL	-	9.0	
609.0			ROCK	6.5	9.0	COAL AND CLAY 9'-12.5' DEPTH

MAPID: 001163B0003F VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 24 SW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.931095

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.877412

DATE COLLECTED: 8 / 25 / 1934

SURFACE ELEVATION (FT.): 650.0 LOGGED (FT.): 42.1

LOG TYPE: Measured section

SOURCE: FLD NOTES-WANLESS

WELL TYPE: Outcrop

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
650.0			ROCK	25.4	0.0	
624.6	CARBONDALE	COLCHESTER	COAL	1.5	25.4	
623.2			ROCK	15.3	26.8	

MAPID: 001163B0004F VERSION: 1

PROJECT: BLM

COUNTY: ADAMS TWP/RNG: 2S 5W SECTION: 24 NWNWSW

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

QUADRANGLE: KELLERVILLE LONGITUDE: -90.934687

GEOLOGIST: TREWORGY,J

CONFIDENTIAL: N LATITUDE: 39.880137

DATE COLLECTED: 10 / 0 / 1960

SURFACE ELEVATION (FT.): 620.0 LOGGED (FT.): 21.5

LOG TYPE: Measured section

SOURCE: FLD NOTES-REINERTSEN

WELL TYPE: Outcrop

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
620.0			UNCONSOLIDATED	8.0	0.0	
612.0			ROCK	10.1	8.0	
601.9	CARBONDALE	COLCHESTER	COAL	1.3	18.1	
600.6			ROCK	2.1	19.4	

MAPID: 00110164000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ADAMS TWP/RNG: 15N 6E SECTION: 10

FOOT (NS): 900 S FOOT (EW): 2050 W

QUADRANGLE: NEPONSET LONGITUDE: -89.792676

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 41.295752

DATE COLLECTED: 0 / 0 / 1955

SURFACE ELEVATION (FT.): 825.0 LOGGED (FT.): 487.0

LOG TYPE: Survey Sample Study

SOURCE: WALLACE ENGINEERING CORP.

WELL TYPE: Water Well

COMMENT: ELEVATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
825.0			UNCONSOLIDATED	54.5	0.0	
770.5	MODESTO		GRAY SHALE	59.5	54.5	
711.0	CARBONDALE	DANVILLE	COAL	3.0	114.0	
708.0	CARBONDALE		SHALE	23.0	117.0	
685.0	CARBONDALE		SANDSTONE	7.0	140.0	
678.0	CARBONDALE		SHALE	21.0	147.0	
657.0	CARBONDALE		LIMESTONE	8.0	168.0	
649.0	CARBONDALE		SILTSTONE	9.0	176.0	
640.0	CARBONDALE		SHALE	57.0	185.0	
583.0	CARBONDALE		BLACK SHALE	4.0	242.0	
579.0	CARBONDALE		LIMESTONE	9.0	246.0	
570.0	CARBONDALE		SHALE	35.0	255.0	
535.0	CARBONDALE		LIMESTONE	10.0	290.0	
525.0	CARBONDALE		SHALE	35.0	300.0	
490.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	5.0	335.0	
485.0			LIMESTONE	16.0	340.0	
469.0			SHALE	14.0	356.0	
455.0			UNCLASSIFIED	27.0	370.0	
428.0			COAL	3.0	397.0	
425.0			UNDERCLAY	2.0	400.0	
423.0			SANDSTONE	8.0	402.0	
415.0			SHALE	30.0	410.0	
385.0			SANDSTONE	5.0	440.0	
380.0			SILTSTONE	42.0	445.0	
338.0			UNCLASSIFIED	0.0	487.0	TOP OF DEVONIAN