

01900269000C PROJECT: JRH-PIATT QUADRANGLE: IVESDALE
 COUNTY: CHAMPAIGN 17N - R 7E SECTION: 32 NENW 660N 663W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 687.0 GEOLOGIST: HAMILTON DATE COLLECTED:
 Electric Log Unsuccessful or Unknown Results LOGGED (FT.): 2257.00
 SOURCE: Richardson, M. H. FAIR LOG

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
687.00			UNCLASSIFIED	505.00	0.00	
182.00	BOND	CARTHAGE	LIMESTONE	8.00	505.00	
182.00			UNCLASSIFIED	108.00	513.00	
66.00	MODESTO	WEST FRANKLIN	LIMESTONE	4.00	621.00	
66.00			UNCLASSIFIED	121.00	625.00	
-59.00	CARBONDALE	DANVILLE	COAL	2.00	746.00	

01921603000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 28 535N 208W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 680.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 1/1974
 Electric Log Coal Test LOGGED (FT.): 300.30
 SOURCE: PHILLIPS PETROLEUM CO. B13 TOPS & THICK. FROM COAL SEC. LOG BOOK

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
680.00			UNCLASSIFIED	239.20	0.00	
440.80	SHELburn	DANVILLE	COAL	5.10	239.20	
440.80			UNCLASSIFIED	43.50	244.30	
392.20	CARBONDALE	HERRIN	COAL	4.00	287.80	

01922600000C PROJECT: NCRDS99 QUADRANGLE: HOMER * ALTERNATE DESCRIPTION ON FILE *
 COUNTY: CHAMPAIGN 18N - R14W SECTION: 16 2615S 237E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 675.0 GEOLOGIST: MCCrackEN DATE COLLECTED: 8 / 3/1977
 Drillers Log Coal Test LOGGED (FT.): 345.00
 SOURCE: GULF OIL F-16-2C

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
675.00	PLEISTOCENE		UNCONSOLIDATED	48.00	0.00	
627.00			LIMESTONE	10.00	48.00	
617.00			SHALE	45.00	58.00	
572.00			SANDSTONE	6.50	103.00	
565.50			SANDY SHALE	27.00	109.50	
538.50			SANDSTONE	11.50	136.50	
527.00			SANDY SHALE	5.50	148.00	
521.50			COAL	0.50	153.50	TRACES OF COAL
521.00			SANDY SHALE	6.00	154.00	
515.00			SHALE	14.50	160.00	
500.50			SANDSTONE	20.50	174.50	
480.00			SHALE	31.00	195.00	
449.00			SANDY SHALE	39.28	226.00	
409.70	CARBONDALE	DANVILLE	COAL	3.50	265.30	
406.30	CARBONDALE		UNDERCLAY	3.32	268.70	
403.00	CARBONDALE		SHALE	42.70	272.00	
360.30	CARBONDALE	HERRIN	SH/COAL	1.35	314.70	
358.90	CARBONDALE	HERRIN	COAL	0.95	316.10	BONEY
358.00	CARBONDALE	HERRIN	COAL	7.50	317.00	
350.50	CARBONDALE		SHALE	0.05	324.50	
350.40	CARBONDALE		COAL	1.32	324.60	
349.10	CARBONDALE		SHALE	19.13	325.90	

01922600000C PROJECT: CONF QUADRANGLE: HOMER * ALTERNATE DESCRIPTION ON FILE *
 COUNTY: CHAMPAIGN 18N - R14W SECTION: 16 2615S 237E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 675.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 3/1977
 Drillers Log Coal Test LOGGED (FT.): 345.00
 SOURCE: GULF OIL F-16-2C TOPS & THICK. FROM COAL SEC. LOG BOOK

THICKNESS (FT.)						
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ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
675.00			UNCLASSIFIED	265.30	0.00	
409.70	SHELBURN	DANVILLE	COAL	3.40	265.30	
409.70			UNCLASSIFIED	46.30	268.70	
360.00	CARBONDALE	HERRIN	COAL	7.50	315.00	SPLITS WITH SHALE

01922601000C PROJECT: NCRDS99 QUADRANGLE: HOMER * ALTERNATE DESCRIPTION ON FILE *
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 9 1980S 1365E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 665.0 GEOLOGIST: MCCrackEN DATE COLLECTED: 9 /24/1977
 Drillers Log Coal Test LOGGED (FT.): 273.90
 SOURCE: GULF OIL D-9-3C

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
665.00	PLEISTOCENE		UNCONSOLIDATED	135.50	0.00	
529.50			SHALE	4.00	135.50	
525.50			BLACK SHALE	1.50	139.50	
524.00			SHALE	12.00	141.00	
512.00			SANDY SHALE	2.00	153.00	
510.00			SHALE	4.00	155.00	
506.00			SHALE	6.00	159.00	MULTI-COLORED SHALE
500.00			LIMESTONE	2.00	165.00	
498.00			SHALE	29.50	167.00	MULTI-COLORED SHALE
468.50			SHALE	28.50	196.50	
440.00			BLACK SHALE	2.00	225.00	
438.00			SHALE	3.60	227.00	
434.40	CARBONDALE	DANVILLE	COAL	5.20	230.60	
429.20	CARBONDALE		SHALE	24.20	235.80	
405.00	CARBONDALE		BLACK SHALE	3.90	260.00	
401.10	CARBONDALE	HERRIN	COAL	7.10	263.90	
394.00	CARBONDALE		SHALE	2.90	271.00	

01922601000C PROJECT: CONF QUADRANGLE: HOMER * ALTERNATE DESCRIPTION ON FILE *
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 9 1980S 1365E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 665.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 9 /24/1977
 Electric Log Coal Test LOGGED (FT.): 290.00
 SOURCE: GULF OIL D-9-3C TOPS & THICK. FROM COAL SEC. LOG BOOK

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
665.00			UNCLASSIFIED	229.20	0.00	
435.80	SHELBURN	DANVILLE	COAL	5.20	229.20	
435.80			UNCLASSIFIED	28.30	234.40	
402.30	CARBONDALE	HERRIN	COAL	7.20	262.70	

01922602000C PROJECT: NCRDS99 QUADRANGLE: ROYAL * ALTERNATE DESCRIPTION ON FILE *
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 19 44S 64E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 680.0 GEOLOGIST: MCCrackEN DATE COLLECTED: 10 / 6/ 77
 Drillers Log Coal Test LOGGED (FT.): 219.00
 SOURCE: GULF OIL B-19-2C

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
680.00	PLEISTOCENE		UNCONSOLIDATED	124.00	0.00	
556.00			SHALE	16.00	124.00	
540.00			SILTY SHALE	22.90	140.00	
517.10			SHALE	3.90	162.90	
513.20			SILTY SHALE	30.70	166.80	
482.50	CARBONDALE	DANVILLE	COAL	5.00	197.50	
477.50	CARBONDALE		UNDERCLAY	2.50	202.50	
475.00	CARBONDALE		SHALE	14.00	205.00	TOP FROM GEOPHYSICAL LOG

01923039000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 19N - R10E SECTION: 12 27N 30W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 676.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 295.00
 SOURCE: HYDROCARBON SURVEY PC-51 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923040000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 4 96S 66W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 670.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 352.00
 SOURCE: HYDROCARBON SURVEY PD-38 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923041000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 5 1120N 36W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 674.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 330.00
 SOURCE: HYDROCARBON SURVEY PD-55 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923042000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 8 150N 40W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 675.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 316.00
 SOURCE: HYDROCARBON SURVEY PD-41 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923043000C PROJECT: CONF QUADRANGLE: HOMER
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 16 306N 180E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 668.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 330.00
 SOURCE: HYDROCARBON SURVEY PC-80 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923044000C PROJECT: CONF QUADRANGLE: HOMER
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 20 90N 192E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 670.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 345.00
 SOURCE: HYDROCARBON SURVEY PC-73 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)			
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT	
TOP (FT.)							

NO COAL PICKS

01923045000C PROJECT: CONF QUADRANGLE: HOMER
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 33 80S 125E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 668.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 313.00
 SOURCE: HYDROCARBON SURVEY PC-28 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)			
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT	
TOP (FT.)							

NO COAL PICKS

01923046000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 20N - R10E SECTION: 13 75S 27W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 670.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 329.00
 SOURCE: HYDROCARBON SURVEY PC-48 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)			
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT	
TOP (FT.)							

NO COAL PICKS

01923047000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 20N - R10E SECTION: 25 SWSW 25S 160E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 662.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 344.00
 SOURCE: HYDROCARBON SURVEY PC-74 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)			
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT	
TOP (FT.)							

NO COAL PICKS

01923048000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 20N - R11E SECTION: 7 42N 2568E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 680.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 11 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 405.00
 SOURCE: HYDROCARBON SURVEY XE-3 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)			
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT	
TOP (FT.)							

NO COAL PICKS

01923049000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 20N - R11E SECTION: 19 15S 45W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 672.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 276.00
 SOURCE: HYDROCARBON SURVEY PD-62 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923050000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 20N - R11E SECTION: 31 63S 12W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 679.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 315.00
 SOURCE: HYDROCARBON SURVEY PC-64 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923051000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 6 SE 42S 36W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 691.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 11 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 369.00
 SOURCE: HYDROCARBON SURVEY XE-4 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923052000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 6 2640S 72W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 702.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 11 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 450.40
 SOURCE: HYDROCARBON SURVEY XE-2 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923053000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 7 234N 316W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 688.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 358.00
 SOURCE: HYDROCARBON SURVEY PC-61 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923054000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 7 NW 25S 71W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 675.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 10 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 450.00
 SOURCE: HYDROCARBON SURVEY XE-1 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923055000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 8 45N 65E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 701.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 330.00
 SOURCE: HYDROCARBON SURVEY PD-54 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923056000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 17 40S 270E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 690.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 291.00
 SOURCE: HYDROCARBON SURVEY PD-39 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923057000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 18 45S 36W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 676.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 6 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 356.00
 SOURCE: HYDROCARBON SURVEY PC-47 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923058000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 28 159S 231W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 676.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 345.00
 SOURCE: HYDROCARBON SURVEY PC-68 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

 NO COAL PICKS

01923059000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 30 30N 75E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 682.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 277.00
 SOURCE: HYDROCARBON SURVEY PD-60 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)		
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01923060000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 31 120N 189W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 682.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 321.00
 SOURCE: HYDROCARBON SURVEY PC-62 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)		
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01923061000C PROJECT: CONF QUADRANGLE: ROYAL
 COUNTY: CHAMPAIGN 20N - R14W SECTION: 33 100S 800E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 670.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 7 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 296.00
 SOURCE: HYDROCARBON SURVEY PD-49 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)		
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01923062000C PROJECT: CONF QUADRANGLE: FLATVILLE
 COUNTY: CHAMPAIGN 21N - R10E SECTION: 36 27N 87W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 686.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1972
 Electric Log Coal Test LOGGED (FT.): 358.00
 SOURCE: HYDROCARBON SURVEY PF-2 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)		
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01923063000C PROJECT: CONF QUADRANGLE:
 COUNTY: CHAMPAIGN 21N - R14W SECTION: 30 39S 42W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 752.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 420.00
 SOURCE: HYDROCARBON SURVEY PE-2 TOPS & THICK. FROM COAL SEC. LOG BOOK

				THICKNESS (FT.)		
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01923064000C PROJECT: CONF QUADRANGLE:
 COUNTY: CHAMPAIGN 21N - R14W SECTION: 33 180N 42W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 751.0 GEOLOGIST: LOG BOOK DATE COLLECTED: 8 / 0/1971
 Electric Log Coal Test LOGGED (FT.): 450.00
 SOURCE: HYDROCARBON SURVEY PE-1 TOPS & THICK. FROM COAL SEC. LOG BOOK

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

NO COAL PICKS

01924896000C PROJECT: NCRDS99 QUADRANGLE: HOMER
 COUNTY: CHAMPAIGN 19N - R14W SECTION: 19 1544S 1594W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): 670.0 GEOLOGIST: MCCrackEN DATE COLLECTED: 9 / 7/1977
 Drillers Log Coal Test LOGGED (FT.): 275.00
 SOURCE: GULF OIL D-19-3

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

670.00	PLEISTOCENE		UNCONSOLIDATED	97.00	0.00	
573.00			SHALE	29.00	97.00	
544.00			LIMESTONE	4.00	126.00	
540.00			SHALE	91.50	130.00	
448.50			BLACK SHALE	6.00	221.50	
442.50	CARBONDALE	DANVILLE	COAL	6.00	227.50	
436.50	CARBONDALE		SHALE	15.50	233.50	
421.00	CARBONDALE		BLACK SHALE	5.50	249.00	
415.50	CARBONDALE	HERRIN	COAL	3.50	254.50	
412.00	CARBONDALE		SHALE	17.00	258.00	

019HCS0PC21Z PROJECT: CGT-MISC QUADRANGLE: LONGVIEW
 COUNTY: CHAMPAIGN 17N - R10E SECTION: 22 350S 200E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PC-21 ISGS MAP LIBRARY 4103 I5.1-27 & 28

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

CARBONDALE HERRIN COAL 0.00 COAL ERODED

019HCS0PD20Z PROJECT: CGT-MISC QUADRANGLE: LONGVIEW
 COUNTY: CHAMPAIGN 17N - R10E SECTION: 15 250S 250W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PD-20 ISGS MAP LIBRARY 4103 I5.1-27 & 28

						THICKNESS (FT.)
ELEVATION	FORMATION	MEMBER	LITHOLOGY	UNIT	OVERBURDEN	COMMENT
TOP (FT.)						

CARBONDALE HERRIN COAL 0.00 COAL ERODED

019HCSOPA58Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 30 100N 1550E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PA-58 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPB63Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 21 100N 150W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PB-63 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPB64Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 8 150N 150E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PB-64 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPB65Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 31 150N 300W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PB-65 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPB68Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R11E SECTION: 7 150N 150E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PB-68 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPC02Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 17 150N 150W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PC-2 ISGS MAP LIBRARY 4103 i5, 1-27&

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPC20Z PROJECT: CGT-MISC QUADRANGLE: LONGVIEW
 COUNTY: CHAMPAIGN 17N - R10E SECTION: 14 500S 300E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PC-20 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
			UNCONSOLIDATED	167.00	0.00	
	CARBONDALE		ROCK	10.00	167.00	
	CARBONDALE	HERRIN	COAL	4.50	177.00	

019HCSOPC22Z PROJECT: CGT-MISC QUADRANGLE: LONGVIEW
 COUNTY: CHAMPAIGN 17N - R10E SECTION: 11 100N 300E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PC-22 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPD02Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 8 150N 150W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PD-2 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPD03Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 21 200S 150W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO. PD-3 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPD05Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 32 150N 150E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 155.50

SOURCE: HYDROCARBON SURVEY NO.PD-5

ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
			UNCONSOLIDATED	90.00	0.00	
			ROCK	59.00	90.00	
			COAL	6.50	149.00	LESS THAN 7' OF COAL

019HCSOPD16Z PROJECT: CGT-MISC QUADRANGLE: LONGVIEW
 COUNTY: CHAMPAIGN 17N - R10E SECTION: 24 450S 150E
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PD-16 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
	CARBONDALE	HERRIN	COAL		0.00	COAL ERODED

019HCSOPD17Z PROJECT: CGT-MISC QUADRANGLE: ALLERTON
 COUNTY: CHAMPAIGN 17N - R14W SECTION: 18 250S 200W
 CONFIDENTIAL: N
 SURFACE ELEVATION (FT.): GEOLOGIST: C.TREWORGY DATE COLLECTED: 2 / 0/1974
 Company map Coal Test LOGGED (FT.): 0.00
 SOURCE: HYDROCARBON SURVEY NO.PD-17 ISGS MAP LIBRARY 4103 i5, 1-27&28

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	