County ... VIGO .....
T 10,11,12,13 N R 8, 9, and 10 W
Sec .....
Other Survey .....

Quarry or Pit ..... Core X ..... Dim ..... Other .....
Name .....
Former Names .....
. .....
Operator .....
Former Operators .....

COAL AND INDUSTRIAL MINERALS SECTION
INDIANA GEOLOGICAL SURVEY
DEPARTMENT OF NATURAL RESOURCES
611 NORTH WALNUT GROVE
BLOOMINGTON, INDIANA 47401

MEMORANDUM REPORTS BY:

	Name	Date
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REMARKS

Elm Oil & Gas Co. #2 Raymond & Janet Gard
Kline #1 Turner
Bayou Oil #1 Farmer
Cline #1 Hartman
Lowry & Able #1 Baum
Survey Drill Hole #86
Midwestern Gas #1 Bemis
Survey Drill Hole #334

SDH 334 Vigo

SDH-334
Vigo County
NW¼NW¼NW¼ Sec. 9, T. 10 N., R. 8 W.
Elevation 594 Feet
Nelson R. Shaffer

Unit	Description	Depth	Depth	Thick-ness	Sample
1	Mudstone, gray (N-5 to N-6); massive; slakeable, clayey; thin (0.1) shale bed approximately 28.6', some carbonaceous streaks	28.0	29.5	1.5	NS86-0002
2	Bone coal, very shaley; lower 0.3 feet bright banded coal.	29.5	30.3	0.8	NS86-0003
3	Core loss.	30.3	31.8	1.5	None
4	Underclay, gray; massive; numerous plant fragments; noncalcareous.	31.8	32.1	0.3	NS86-0004
5	Limestone, light gray (10YR7/2) slightly brownish; very fine grained; argillaceous; nodular in part; minor carbonaceous wisps; fine crystalline pyrite common; several fractures with coarse calcite.	32.1	33.6	1.5	NS86-0005
6	Underclay, gray to greenish gray; pods of carbonate like above in parts; massive; plant fragments; slightly pyritiferous.	33.6	36.8	3.2	NS86-0006
7	Sandstone, very light gray; fine grain; moderately sorted; micaceous; 3½ feet lost in this unit.	36.8	43.0	6.2	NS86-0007
8	Shale, gray (5Y6/1) to greenish gray; fine sand, carbonaceous pieces, small micas; horizontal burrows; minor pyrite; some larger plant (?) fragments.	43.0	44.4	1.4	NS86-0008
9	Shale, gray (N-4 to N-5); mottled; no sand but silty with small micas; many vertical burrows filled with greenish gray; calcareous fossils near base.	44.4	47.6	3.2	NS86-0009
10	Limestone, light gray (10YR7/1) lenses of gray shale; very argillaceous; large whole fossils of brachiopods; contorted black shale laminae some seem brecciated; becomes darker toward base; lower contact gradational.	47.6	50.2	2.6	NS86-0010
11	Limestone, dark gray mottled with gray like above; fine grained; argillaceous; some large brachiopods; crinoid fragments especially at base; traces pyrite crystals; traces fusain.	50.2	57.6	7.4	NS86-0011
12	Shale, black (N-2); silty; numerous burrows, some with calcareous fragments; fissile; very organic rich; pyrite crystals common; some slickensides.	57.6	58.3	0.7	NS86-0012
13	Shale, black (N-2); fissile; silty; considerable fine organic material; pyrite common; laminae and nodules of dark grayish brown (10YR4/2) phosphate; sphalerite bearing phosphate 59.5; large pyrite nodule 60.5.	58.3	60.7	2.4	NS86-0013
14	Springfield Coal Member; bright banded coal; abundant calcite filled cleats in upper half, some horizontal calcite laminae.	60.7	65.3	4.6	NS86-0014

15	Underclay, gray to greenish gray; massive; plant casts and carbonaceous residue.	65.3	69.5	4.2	NS86-0015
16	Underclay, greenish gray; silty; soft; massive; noncalcareous; but some zones have abundant pyrite cement; fewer plant remains than above.	69.5	77.6	8.1	NS86-0016
17	Underclay, greenish gray like unit 15 but has abundant light yellowish brown (10YR6/6) siderite as nodules and veins; becomes more bedded and harder toward base; some vertical root casts; some slickensides.	77.6	84.2	6.6	NS86-0017
18	Shale, gray (5Y5/1), some laminated most is massive; silty; some sideritic zones; pyrite present.	84.2	86.8	2.6	NS86-0018
19	Shale, gray (10YR5/1); well bedded; slightly silty; some large pyrite nodules.	86.8	92.5	5.7	NS86-0019
	Total Depth	92.5			

midwestern bemisvigo

Midwestern Gas #1 Bemis
SE¼SE¼SW¼ Sec. 28. T. 12 N., R. 10 W.
Vigo County, Indiana
Elevation 498 feet
Drilling completed Nov. 10, 1963., Feb. 9, 1965
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	Silurian			
1	Carbonate, light bluish gray (5B7/1), fine to coarse grained, highly indurated, big calcite crystals common, vuggy and porous, fossiliferous.	2020.0	4.0	A81-0423
2	Carbonate, bluish white (5B9/1), medium to coarse grained, highly indurated, big calcite crystals common, vuggy and porous.	2024.0	4.4	A81-0429
3	Carbonate, white (N9), coarse grained, highly indurated with big calcite crystals, fossiliferous.	2028.4	3.8	A81-0430-1
3	Carbonate, white (N9), coarse grained, highly indurated with big calcite crystals, fossiliferous.	2032.2	3.8	A81-0430-2
4	Carbonate, in shades of white (N9) and bluish white (5B9/1), coarse grained, highly indurated with coarse calcite crystals, fossiliferous.	2036.0	4.0	A81-0431
1	Carbonate, light bluish gray (587/1), coarse grained highly indurated with big calcite crystals, vuggy and porous.	2052.0	2.0	A91-0432
1	Carbonate in shades of white (N9) and bluish white (5B9/1), coarse grained, highly indurated with coarse grained calcite crystals, fossiliferous, vuggy and porous.	2084.0	5.8	A81-0433-1
1	Carbonate in shades of white (N9) and bluish white (5B9/1), coarse grained, highly indurated with coarse grained calcite crystals, fossiliferous, vuggy and porous.	2089.8	5.7	A81-0433-2

File #260

Midwestern Gas #1 Bemis
SE¼/4SE¼/4SW¼/4 Sec. 28, T. 12 N., R. 10 W.
Vigo County, Indiana
Elevation 488 feet
Drilling completed Nov. 10, 1963, Feb. 9, 1965

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft)	Thickness (ft)	Sample No.
	Silurian			
1.	Carbonate, light bluish gray (5B7/1), fine to coarse grained, highly indurated, big calcite crystals common, vuggy and porous, fossiliferous.	2020.0	4.0	A81-423
2.	Carbonate, bluish white (5B9/1), medium to coarse grained, higly indurated, big calcite crystals common, vuggy and porous.	2024.0	4.4	A81-429
3.	Carbonate, white (N9), coarse grained, highly indurated with big calcite crystals, fossiliferous.	2028.4 2032.2	3.8 3.8	A81-430- A81-430-
4.	Carbonate, in shades of white (N9) and bluish white (5B9/1), coarse grained, highly indurated with coarse calcite crystals, fossiliferous.	2036.0	4.0	A81-431
1.	Carbonate, light bluish gray (5B7/1), coarse grained highly indurated with big calcite crystals, vuggy and porous.	2052.0	2.0	A81-432
1.	Carbonate in shades of white (N9) and bluish white (5B9/1), coarse grained, highly indurated with coarse grained calcite crystals, fossiliferous, vuggy and porous.	2084.0 2089.8	5.8 5.7	A81-433- A81-433-

SDH96 vigo

File #236
Survey Drill Hole 96
630'FNL X 140'FEL, NE¼SW¼SE¼ sec. 23, T. 13 N., R. 10W.
Vigo County, Indiana
Elevation 617 feet
Drilling completed March 2, 1962
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	Pennsylvanian			
1	Core not split.	62.8	17.2	None
2	Core not split.	90.0	9.3	None
3	Core not split.	99.3	20.7	None
4	Core not split.	110.0	18.0	None
5	Core not split.	128.0	19.0	None
6	Siderite, light brownish gray (5YR6/1).	147.0	0.3	A81-0470
7	Shale/siltstone, light bluish gray (5B7/1); laminated and sandy at places; thin siderite bands and nodules present.	147.3	14.8	A81-0471
8	Siderite, grayish red (10R4/2).	162.1	0.3	A81-0472
9	Siltstone in shades of light bluish gray (5B7/1) and light gray (N7) with carbonaceous particles throughout and occasional sideritic bands.	162.4	1.4	A81-0473
10	Geophysics Section.	163.6	1.6	None
11	Siltstone in shades of light bluish gray (5B7/1) and light gray (N7) with specks of carbonaceous particles, sideritic.	165.4	0.7	A81-0474
12	Geophysics Section.	166.1	0.7	None
13	Core not split.	166.8	13.2	None
14	Siltstone, medium gray with siderite band, stringer and nodule scattered throughout; carbonized plant material at places; calcareous.	180.0	4.0	A81-0475
15	Core missing.	184.0	1.1	
16	Carbonate, very light gray (N8) to medium gray (N5) fine grained; sideritic at places, light yellowish stain at places, argillaceous at the middle.	185.1	5.0	A81-0476
17	Shale/sandy siltstone, yellowish gray (5Y7/2) 190.1 to very light gray, sideritic throughout.	190.1	7.3	A81-0477

File #236

Survey Drill Hole 86
630'FNL X 140'FEL, NE¼SW¼SE¼ sec. 23, T. 13 N., R. 10 W.
Vigo County, Indiana
Elevation 617 feet
Drilling completed March 2, 1962

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft)	Thickness (ft)	Sample No.
	Pennsylvanian			
1.	Core not split.	62.8	17.2	None
2.	Core not split.	80.0	9.3	None
3.	Core not split.	89.3	20.7	None
4.	Core not split.	110.0	18.0	None
5.	Core not split.	128.0	19.0	None
6.	Siderite, light brownish gray (5YR6/1).	147.0	0.3	A81-470
7.	Shale/siltstone, light bluish gray (5B7/1); laminated and sandy at places; thin siderite bands and nodules present.	147.3	14.8	A81-471
8.	Siderite, grayish red (10R4/2).	162.1	0.3	A81-472
9.	Siltstone in shades of light bluish gray (5B7/1) and light gray (N7) with carbonaceous particles throughout and occasional sideritic bands.	162.4	1.4	A81-473
10.	Geophysics Section.	163.8	1.6	None
11.	Siltstone in shades of light bluish gray (5B7/1) and light gray (N7) with specks of carbonaceous particles, sideritic.	165.4	0.7	A81-474
12.	Geophysics Section.	166.1	0.7	None
13.	Core not split.	166.8	13.2	None
14.	Siltstone, medium gray with siderite band, stringer and nodule scattered throughout; carbonized plant material at places; calcareous.	180.0	4.0	A81-475

15.	Core missing.	184.Ø	1.1	None
16.	Carbonate, very light gray (N8) to medium gray (N5) fine grained; sideritic at places, light yellowish stain at places, argillaceous at the middle.	185.1	5.Ø	A81-476
17.	Shale/sandy siltstone, yellowish gray (5Y7/2) to very light gray, sideritic throughout.	190.1	7.3	A81-477

File #81

Lowry & Able #1 Baum
470' FSL x 425' FEL SE1/4NE1/4SE1/4 sec. 36, T. 12 N., R. 8 W.
Vigo County, Indiana
Elevation 597 feet
Drilling completed May 22, 1952

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft.)	Thickness (ft.)	Sample No.
1.	Carbonate 5Y6/1, very fine grained, dissiminated pyrite, calcite crystals along veins.	573.0	0.8	A79-239
2.	Carbonate 10YR6/2, fine grained, occasional pyritic sandy lense, calcite crystals along veins.	573.8	5.7	A79-240
3.	Carbonate 5YR4/1, fine to medium grained, laminated, calcite along veins.	579.5	3.1	A79-241
4.	Core loss.	582.6	1.4	none
5.	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly, fossil.	584.0	5.0	A79-242-1
		589.0	5.0	A79-242-2
		594.0	5.0	A79-242-3
6.	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly.	599.0	3.7	A79-243-1
		602.7	3.7	A79-243-2
7.	Carbonate N5, fine grained.	606.4	3.6	A79-244
8.	Carbonate 10YR6/2, medium grained, occasional calcite crystal and cherty band.	610.0	3.2	A79-245
9.	Carbonate 5YR8/1, very fine grained, occasional chert nodule and shaly band.	613.2	1.7	A79-246
10.	Carbonate 5YR6/1, medium grained, occasional chert nodules, calcite, and shaly band.	614.9	4.0	A79-247
11.	Carbonate N7, very fine grained to medium grained, intermixed, occasional chert nodules, shaly at places.	618.9	4.1	A79-248

	St. Louis			
12.	Carbonate N7, fine to medium grained, intermixed, occasional chert nodules, calcite, shales, fossils.	623.0	3.0	A79-249
	Salem			
13.	Carbonate N7, fine to medium grained, intermixed, profusion of chert nodules, shaly at places.	626.0	6.0	A79-250
14.	Carbonate N7, fine to medium grained, occasional chert nodule, calcite, fossil, pyrite.	632.0	5.9	A79-251
15.	Carbonate 5YR8/1, fine grained, rare chert nodule, porous at places, fossil, dissiminated.	637.9	3.1	A79-252
16.	Carbonate 5YR8/1, medium grained, highly porous, calcite veins.	641.0	1.9	A79-253
17.	Carbonate 5YR7/2, medium grained, and shale 5G8/1, in the proportion 7:3, fossil.	642.9	0.9	A79-254
18.	Carbonate N8, fine grained.	643.8	2.1	A79-255
19.	Carbonate 5Y8/1, fine grained.	645.9	1.3	A79-256
20.	Carbonate 5YR6/1, medium grained, shaly at places.	647.2	1.8	A79-257
21.	Carbonate 5YR8/1, fine grained, occasional calcite vein.	649.0	6.0	A79-258
22.	Carbonate 10YR6/2, fine grained and shale 5G8/1, with propotion of 9:1, calcite vein.	655.0	3.0	A79-259
23.	Carbonate 5YR8/1, fine grained, occasional greenish shaly material, fossil.	658.0	5.8	A79-260
24.	Carbonate N6, medium grained and thin shale dissiminated calcite and gypsum (?), quartz.	663.8	2.1	A79-261
25.	Carbonate 5YR6/1, fine to medium grained, calcite veins.	665.9	1.8	A79-262
26.	Carbonate N9, fine grained.	667.7	3.7	A79-263-1
		671.4	3.6	A79-263-2

27.	Carbonate 5YR8/1, fine grained.	675.0	1.9	A79-264
28.	Shale N6.	676.9	3.1	A79-265
29.	jCarbonate 5Y6/1, fine to medium grained, calcite veins.	680.0	4.8	A79-266
30.	Carbonate N8, fine grained.	684.8	0.4	A79-267
31.	Shaly carbonate N7, fine grained.	685.2	1.1	A79-268
32.	Carbonate 10YR8/1, fine grained, calcite crystals.	686.3	0.3	A79-269
33.	Carbonate 10YR4/2, fine grained.	686.6	2.6	A79-270
34.	Carbonate N7, fine grained, coarse grained calcite crystals at places.	689.2	1.3	A79-271
35.	Carbonate 10YR4/2, fine grained, coarse and porous at the bottom.	690.5	1.2	A79-272
36.	Core loss.	691.7	3.3	none
37.	Carbonate N8, fine grained, coarse and porous at the top.	695.0	1.9	A79-273
38.	Carbonate 10YR6/2, fine to medium grained, shaly towards top.	696.9	1.1	A79-274
39.	Carbonate N8, fine grained, porous.	698.0	0.6	A79-275
40.	Carbonate 10YR6/2, fine grained with occasional shale band N3, calcite crystals dissiminated.	698.6	3.3	A79-276-1
		701.9	3.3	A79-276-2
41.	Carbonate 10YR6/2, fine grained with occasional chert nodules.	705.2	2.5	A79-277
42.	Carbonate N5, medium grained.	707.7	2.5	A79-278
43.	Carbonate N6, fine grained, rare shale stringer, stylolitic.	710.2	3.0	A79-279
44.	Carbonate N4, medium grained.	713.2	0.8	A79-280
45.	Carbonate N7, medium grained and shale 5GY6/1, intermixed in proportion of 6:4.	714.0	3.1	A79-281
46.	Carbonate N7, fine grained, occasionally laminated and shaly.	717.1	5.1	A79-282

47.	Carbonate 5YR8/1, fine grained, occasionally porous, dissiminated quartz crystal.	722.2	1.8	A79-283
48.	Carbonate N8, medium grained.	724.0	3.8	A79-284
49.	Carbonate N7, fine grained occasionally shale bands, stylolitic.	727.8	2.4	A79-285
50.	Carbonate N6, medium grained, dissiminated calcite (?) mineral, stylolitic.	730.2	3.8	A79-286
51.	Carbonate 5YR6/1, medium grained, occasionally shaly.	734.0	1.4	A79-287
52.	Carbonate N8, medium grained, sandy, stylolitic (building stone facies).	735.4	5.8	A79-288-1
		741.2	5.9	A79-288-2
		747.1	5.9	A79-288-3

T 12 N R 8 W Vigo

Lowry & Able #1 Baum
470' FSL x 425' FEL SE¼NE¼SE¼ sec. 36, T. 12 N., R. 8 W.
Vigo County, Indiana
Elevation 597 feet
Drilling completed May 22, 1952
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
1	Carbonate 5Y6/1, very fine grained, disseminate pyrite, calcite crystals along veins.	573.0	0.8	A79-0239
2	Carbonate 10YR6/2, fine grained, occasional pyritic sandy lense, calcite crystals along veins.	573.8	5.7	A79-0240
3	Carbonate 5YR4/1, fine to medium grained, laminated, calcite along veins.	579.5	3.1	A79-0241
4	Core loss.	582.6	1.4	none
5	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly, fossil.	584.0	5.0	A79-0242-1
5	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly, fossil.	589.0	5.0	A79-0242-2
5	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly, fossil.	594.0	5.0	A79-0242-3
6	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly.	599.0	3.7	A79-0243-1
6	Carbonate 10YR6/2, medium to coarse grained, occasionally shaly.	602.7	3.7	A79-0243-2
7	Carbonate N5, fine grained.	606.4	3.6	A79-0244
8	Carbonate 10YR6/2, medium grained, occasional calcite crystal and cherty band.	610.0	3.2	A79-0245
9	Carbonate 5YR8/1, very fine grained, occasional chert nodule and shaly band.	613.2	1.7	A79-0246
10	Carbonate 5YR6/1, medium grained, occasional chert nodules, calcite, and shaly band.	614.9	4.0	A79-0247
11	Carbonate N7, very fine grained to medium grained, intermixed, occasional chert nodules, shaly at places.	618.9	4.1	A79-0248
	St. Louis			
12	Carbonate N7, fine to medium grained, intermixed, occasional chert nodules, calcite, shales, fossils.	623.0	3.0	A79-0249
	Salem			
13	Carbonate N7, fine to medium grained, intermixed, profusion of chert nodules, shaly at places.	626.0	6.0	A79-0250
14	Carbonate N7, fine to medium grained, occasional chert nodule, calcite, fossil, pyrite.	632.0	5.9	A79-0251

15	Carbonate 5YR8/1, fine grained, rare chert nodule, porous at places, fossil, disseminate.	637.9	3.1	A79-0252
16	Carbonate 5YR8/1, medium grained, highly porous, calcite veins.	641.0	1.9	A79-0253
17	Carbonate 5YR7/2, medium grained, and shale 5G8/1, in the proportion 7:3, fossil.	642.9	0.9	A79-0254
18	Carbonate N8, fine grained.	643.8	2.1	A79-0255
19	Carbonate 5Y8/1, fine grained.	645.9	1.3	A79-0256
20	Carbonate 5YR6/1, medium grained, shaly at places.	647.2	1.8	A79-0257
21	Carbonate 5YR8/1, fine grained, occasional calcite vein.	649.0	6.0	A79-0258
22	Carbonate 10YR6/2, fine grained and shale 5G8/1, with proportion of 9:1, calcite vein.	655.0	3.0	A79-0259
23	Carbonate 5YR8/1, fine grained, occasional greenish shaly material, fossil.	658.0	5.8	A79-0260
24	Carbonate N6, medium grained and thin shale disseminate calcite and gypsum (?), quartz.	663.8	2.1	A79-0261
25	Carbonate 5YR6/1, fine to medium grained, calcite veins.	665.9	1.8	A79-0262
26	Carbonate N9, fine grained.	667.7	3.7	A79-0263-1
26	Carbonate N9, fine grained.	671.4	3.6	A79-0263-2
27	Carbonate 5YR8/1, fine grained.	675.0	1.9	A79-0264
28	Shale N6.	676.9	3.1	A79-0265
29	Carbonate 5Y6/1, fine to medium grained, calcite veins.	680.0	4.8	A79-0266
30	Carbonate N8, fine grained.	684.8	0.4	A79-0267
31	Shaly carbonate N7, fine grained.	685.2	1.1	A79-0268
32	Carbonate 10YR8/1, fine grained, calcite crystals.	686.3	0.3	A79-0269
33	Carbonate 10YR4/2, fine grained.	686.6	2.6	A79-0270
34	Carbonate N7, fine grained, coarse grained calcite crystals at places.	689.2	1.3	A79-0271
35	Carbonate 10YR4/2, fine grained, coarse and porous at the bottom.	690.5	1.2	A79-0272
36	Core loss.	691.7	3.3	none
37	Carbonate N8, fine grained, coarse and porous at the top.	695.0	1.9	A79-0273
38	Carbonate 10YR6/2, fine to medium grained, shaly towards top.	696.9	1.1	A79-0274
39	Carbonate N8, fine grained, porous.	698.0	0.6	A79-0275

40	Carbonate 10YR6/2, fine grained with occasional shale band N3, calcite crystals disseminate.	698.6	3.3	A79-0276-1
40	Carbonate 10YR6/2, fine grained with occasional shale band N3, calcite crystals disseminate.	701.9	3.3	A79-0276-2
41	Carbonate 10YR6/2, fine grained with occasional chert nodules.42	705.2	2.5	A79-0277
42	Carbonate N5, medium grained.	707.7	2.5	A79-0278
43	Carbonate N6, fine grained, rare shale stringer, stylolitic.	710.2	3.0	A79-0279
44	Carbonate N4, medium grained.	713.2	0.8	A79-0280
45	Carbonate N7, medium grained and shale 5GY6/1, intermixed in proportion of 6:4.	714.0	3.1	A79-0281
46	Carbonate N7, fine grained, occasionally laminated and shaly.	717.1	5.1	A79-0282
47	Carbonate 5YR8/1, fine grained, occasionally porous, disseminate quartz crystal.	722.2	1.8	A79-0283
48	Carbonate N8, medium grained.	724.0	3.8	A79-0284
49	Carbonate N7, fine grained occasionally shale bands, stylolitic.	727.8	2.4	A79-0285
50	Carbonate N6, medium grained, disseminate calcite (?) mineral, stylolitic.	730.2	3.8	A79-0286
51	Carbonate 5YR6/1, medium grained, occasionally shaly.	734.0	1.4	A79-0287
52	Carbonate N8, medium grained, sandy, stylolitic (building stone facies).	735.4	5.8	A79-0288-1
52	Carbonate N8, medium grained, sandy, stylolitic (building stone facies).	741.2	5.9	A79-0288-2
52	Carbonate N8, medium grained, sandy, stylolitic (building stone facies).	747.1	5.9	A79-0288-3

Cline #1 Hartman
NE1/4NW1/4NE1/4 sec. 13, T 11 N., R. 9 W.
Vigo County, Indiana
Elevation 556
Drilling completed October 6, 1948

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft.)	Thickness (ft.)	Sample No.
	Devonian Limestone			
1.	Carbonate, white (N9) to very light gray (N8), fine grained, slightly vuggy and porous.	1898.0	4.0	J81-523
2.	Carbonate, very pale orange (10YR8/2) to grayish orange (10YR7/4), fine grained.	1902.0	1.5	J81-524
3.	Carbonate, yellowish gray (5Y8/1), to light olive gray (5Y6/1), fine grained.	1903.5	1.6	J81-525
4.	Carbonate, white (N9) to yellowish gray (5Y8/1), fine grained.	1905.1	4.3	J81-526
5.	Carbonate, white (N9) to yellowish gray (5Y8/1), fine grained.	1909.4	4.2	J81-527
6.	Carbonate, yellowish gray (5Y8/1), fine grained.	1913.6	1.4	none
6.	Carbonate, very light gray (N8) to yellowish gray (5Y8/1), fine grained, sandy.	1915.0	4.5	J81-528
7.	Carbonate, white (N9), fine grained.	1919.5	1.6	J81-529
8.	Carbonate, very light gray (N8), fine grained, sandy at places.	1921.1	2.5	J81-530
9.	Carbonate in shades between white (N9) and very pale orange (10YR8/2), fine grained.	1923.6	2.1	J81-531
10.	Carbonate, very light gray (N8) to light gray (N7), fine to medium grained.	1925.7	4.3	J81-532

File 27 vigo

Cline #1 Hartman
NE¼NW¼NE¼ sec. 13, T 11 N., R. 9 W.
Vigo County, Indiana
Elevation 556
Drilling completed October 6, 1948
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	Devonian Limestone			
1	Carbonate, white (N9) to very light gray (N8), fine grained, slightly vuggy and porous.	1898.0	4.0	J81-0523
2	Carbonate, very pale orange (10YR8/2) to grayish orange (10YR7/4), fine grained.	1902.0	1.5	J81-0524
3	Carbonate, yellowish gray (5Y8/1), to light olive gray (5Y6/1), fine grained.	1903.5	1.6	J81-0525
4	Carbonate, white (N9) to yellowish gray (5Y8/1), fine grained.	1905.1	4.3	J81-0526
5	Carbonate, white (N9) to yellowish gray (5Y8/1), fine grained.	1909.4	4.2	J81-0527
6	Carbonate, yellowish gray (5Y8/1), fine grained.	1913.6	1.4	none
6	Carbonate, very light gray (N8) to yellowish gray (5Y8/1), fine grained, sandy.	1915.0	4.5	J81-0528
7	Carbonate, white (N9), fine grained.	1919.5	1.6	J81-0529
8	Carbonate, very light gray (N8), fine grained, sandy at places.	1921.1	2.5	J81-530
9	Carbonate in shades between white (N9) and very pale orange (10YR8/2), fine grained.	1923.6	2.1	J81-531
10	Carbonate, very light gray (N8) to light gray (N7), fine to medium grained.	1925.7	4.3	J81-532

Bayou Oil #1 Farmer
SW¼SW¼NW¼ sec. 10, T. 1Ø N., R. 1Ø W.
Vigo County, Indiana

Elevation 5Ø6 feet

Drilling completed October 27, 1948

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft)	Thickness (ft)	Sample No.
	St. Louis limestone/Salem limestone?			
1.	Carbonate, light gray (N7), medium grained, stylolitic.	13ØØ.Ø 13Ø5.5	5.5 5.5	A81-8ØØ-1 A81-8ØØ-2

Bayou farmer vig2

Bayou Oil #1 Farmer
SW¼SW¼NW¼ sec. 10, T. 10 N., R. 10 W.
Vigo County, Indiana
Elevation 506 feet
Drilling completed October 27, 1949
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	St. Louis Limestone/Salem Limestone			
1	Carbonate, light gray (N7), medium grained, stylolitic.	1300.0	5.5	A81-0800-1
1	Carbonate, light gray (N7), medium grained, stylolitic.	1305.5	5.5	A81-0900-2

KIME
~~Kline~~ #1 Turner
SW¼SW¼SE¼ sec. 9, T. 1Ø ., R. 1Ø W.
Vigo County, Indiana

Elevation 513 feet

Drilling completed September 1, 1948

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft)	Thickness (ft)	Sample No.
	St. Louis Formation			
1.	Carbonate, light gray (N7) to medium light gray (N6), fine grained, stylolitic.	1236.Ø	5.2	J81-157
2.	Carbonate, olive gray (5Y4/1), fine grained with chert band.	1241.2	Ø.3	J81-158
3.	Carbonate, very light gray (N8), fine grained, stylolitic.	1241.5	Ø.7	J81-159
4.	Carbonate, light gray (N7), medium grained, crystalline.	1242.2	Ø.5	J81-16Ø
5.	Carbonate, pale yellowish brown (1ØYR6/2), fine grained.	1242.7	1.Ø	J81-161
6.	Carbonate, light olive gray (5Y6/1), fine grained with chert band.	1243.7	Ø.7	J81-162
7.	Carbonate, yellowish gray (5Y8/1), fine grained.	1244.4	1.Ø	J81-163
8.	Carbonate, medium light gray (N6), fine grained.	1245.4	Ø.6	J81-164
9.	Carbonate, very light gray (N8), fine grained.	1246.Ø	Ø.6	J81-165
1Ø.	Carbonate, very light gray (N8) and light gray (N7) interbedded.	1246.6	3.4	J81-166
11.	Carbonate, light olive gray (5Y6/1), fine grained.	125Ø.Ø	3.2	J81-167
12.	Carbonate, very light gray (N8), fine to medium grained, crystalline, stylolitic.	1253.2 1258.1	4.9 4.9	J81-168- J81-168-

Kline #1 Turner

Kline #1 Turner
SW¼SW¼SE¼ sec. 9, T. 10 ., R. 10 W.
Vigo County, Indiana
Elevation 513 feet
Drilling completed September 1, 1946
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	St. Louis Formation			
1	Carbonate, light gray (N7) to medium light gray (N6), fine grained, stylolitic.	1236.0	5.2	J81-0157
2	Carbonate, olive gray (5Y4/1), fine grained with chert band.	1241.2	0.3	J81-0158
3	Carbonate, very light gray (N9), fine grained, stylolitic.	1241.5	0.7	J81-0159
4	Carbonate, light gray (N7), medium grained, crystalline.	1242.2	0.5	J81-0160
5	Carbonate, pale yellowish brown (10YR6/2), fine grained.	1242.7	1.0	J81-0161
6	Carbonate, light olive gray (5Y6/1), fine grained with chert band.	1243.7	0.7	J81-0162
7	Carbonate, yellowish gray (5Y6/1), fine grained.	1244.4	1.0	J81-0163
8	Carbonate, medium light gray (N6), fine grained.	1245.4	0.6	J81-0164
9	Carbonate, very light gray (N8), fine grained.	1246.0	0.6	J81-0165
10	Carbonate, very light gray (N8) and light gray (N7) interbedded.	1246.6	3.4	J81-0166
11	Carbonate, light olive gray (5Y6/1), fine grained.	1250.0	3.2	J81-0167
12	Carbonate, very light gray (N8), fine to medium grained, crystalline, stylolitic.	1253.2	4.9	J81-0169-1
12	Carbonate, very light gray (N8), fine to medium grained, crystalline, stylolitic.	1258.1	4.9	J81-0169-2

Elm Oil & Gas Co. #2 Raymond & Janet Gard
NW1/4SE1/4SW1/4 sec. 24, T. 12 N., R. 8 W.
Vigo County, Indiana

Drilling completed September 1, 1949

Described by Prodip Dutta

Core description

Unit	Description	Depth (ft.)	Thickness (ft.)	Sample No.
	New Albany Shale			
1.	Not split	1595.0	2.4	none
2.	Shale, light gray (N7) to dark yellowish brown (10YR4/2), specks of pyrite at places.	1597.4	1.7	A83-1
3.	Missing	1599.1	0.1	none
4.	Shale, light gray (N7) to dark yellowish brown (10YR4/2).	1599.2	0.6	A83-2
5.	Not split	1599.8	4.5	none
	Devonian carbonate			
6.	Carbonate, light gray (N7), fine to medium grained, stylolitic.	1604.3	4.7	A83-3
7.	Carbonate in shades of light gray (N7) to very light gray (N8), fine grained, stylolitic, shaly at bottom.	1609.0	3.0	A83-4
8.	Carbonate, very light gray (N8) to pinkish gray (5Y8/1), coarse grained, stylolitic.	1612.0	3.3	A83-5
9.	Carbonate, yellowish gray (5Y8/1), medium to coarse grained, fossiliferous.	1615.3	3.7	A83-6

File Vigo

Elm Oil & Gas Co. #2 Raymond & Janet Gard
NW¼SE¼SW¼ sec. 24, T. 12 N., R. 8 W.
Vigo County, Indiana
Drilling completed September 1, 1949
Described by Prodip Dutta

Unit	Description	Depth	Thick-ness	Sample
	New Albany Shale			
1	Not split	1595.0	2.4	none
2	Shale, light gray (N7) to dark yellowish brown (10YR4/2), specks of pyrite at places.	1597.4	1.7	A83-0001
3	Missing	1599.1	0.1	none
4	Shale, light gray (N7) to dark yellowish brown (10YR4/2).	1599.2	0.6	A83-0002
5	Not split	1599.8	4.5	none
	Devonian carbonate			
6	Carbonate, light gray (N7), fine to medium grained, stylolitic.	1604.3	4.7	A83-0003
7	Carbonate in shades of light gray (N7) to very light gray (N8), fine grained, stylolitic, shaly at bottom.	1609.0	3.0	A83-0004
8	Carbonate, very light gray (N8) to 1612.0 pinkish gray (5Y8/1), coarse grained, stylolitic.	1612.0	3.3	A83-0005
9	Carbonate, yellowish gray (5Y8/1), medium to coarse grained, fossiliferous.	1615.3	3.7	A83-0006