

Select location of well to view details.

Save Data
to File

Click on column heading to sort.

11 records returned.

	T-R-S	Operator	Well	API	Elevation		Total Depth	Field	Spud Date		Plug Date		Status
					Ascend.	Desc.			Ascend.	Desc.	Ascend.	Desc.	
<u>KID:</u>													
1006461727	T4S R9E, Sec. 1, NE SW NW	DOE RUN	DR1						1-2-03				
006461743	T4S R9E, Sec. 1, SE SE NW	DOE RUN	DR1-A										
1006461794	T4S R9E, Sec. 1,	TEXASGULF	VERMILLION 1										
1002880641	T4S R9E, Sec. 1, NW NW SE	HOUSTON OIL & MINERALS	MOSS 1	15-117-20019	1188 GL		1312 (PRECAMBRIAN SYSTEM)	WILDCAT	28-FEB-1980		31-MAR-1980		D&A
	T4S R9E, Sec. 7, NW NW	CITIES SERVICE CO	CHRISTNER 1	15-117-00011	1216 GL		1426 (PRECAMBRIAN SYSTEM)	WILDCAT	28-FEB-1960				D&A

Dan

There are 4 wells in 4S-9E-1.

There are no tops data in the database for any of them.

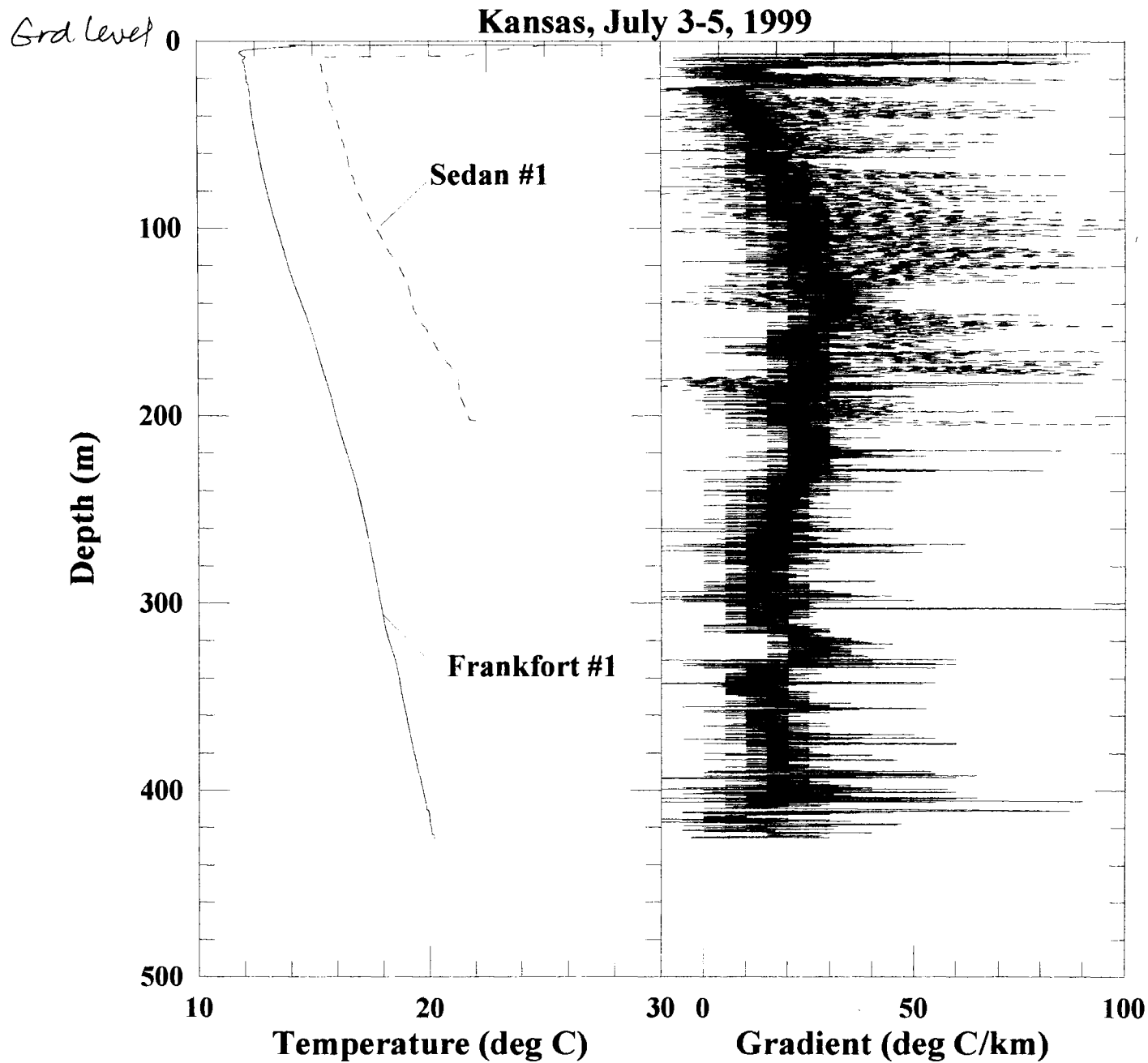
There are core on the first 3, but not the Moss1.

If you want to pass me the tops data on the Moss1, I will
get it entered and it will be available next time.

Melissa

Dr. Andrea Förster
GFZ Potsdam
49 331 288 1450

We logged the two wells this weekend and here are the two logs - the dashed one is CQ County (Red Buffalo Ranch) one and the solid one is Marshall County (Pieter's well). You have the rx conductivity info for Pieter's well, but you need to tell me which intervals in the Red Buffalo Ranch well you want analyzed. The little kick at the bottom of the CQ well may be the result of leakage. Note the BHT of the CQ well is 22.6°C and the MS Co. well is only 20.8°C even though it is twice as deep. I think you have the lithologic logs for both wells. They will supply the data on disk when they get back to Dallas at the end of the month. Let me know if you need or want anything else. D.



wtr level
Sedan 8.1 m
MS Co.
(at 1st break) 3m
(at second) 4m

	TD	BHT
Sedan	205.6 m (677 ft)	22.6°C
MS Co.	423 m (1420 ft)	20.8°C

TEMPERATURE-DEPTH LOG

Location Name Pieter's well In/Hg/Sec / / Hole Number
 Latitude Longitude Elevation Date
 Alt: 1250.000 Quadrangle Map

Tube/ Cable/ Bridge Operator
 Notes: Marshall Co. - (pipe 8ft above - log starts at 10m
8/6/98 (in H₂O) - in creek bottom at edge
of corn field
Gosnold/Merriman/Goodman

Depth meters	Resistance ohms	Temperature °C	$\Delta T/\Delta X$ °C/m	Comments
10	123.26			
11	123.08			
12	122.33			
13	122.21			
14	122.16			
15	122.06			
16	121.97			
17	121.86			
18	121.75			
19	121.64			
20	121.58			
21	121.49			
22	121.37			
23	121.33			
24	121.24			
25	121.10			
26	121.09			
27	120.98			
28	120.9 8 5			
29	120.87			
30	120.84			

TEMPERATURE-DEPTH LOG

Location Name _____ Tn/Rg/Sec _____/_____/_____ Hole Number _____
Latitude _____ Longitude _____ Elevation _____ Date _____
Type 1:250,000 _____ Quadrangle Map _____
Cable/ Cable/ Bridge _____ Operator _____

0.001

Depth meters	Resistance ohms	Temperature °C	$\Delta T/\Delta X$ °C/m	Comments
31	120.80			
32	120.73			
33	120.63			
34	120.59			
35	120.54			
36	120.45			
37	120.38			
38	120.34			
39	120.28			
40	120.23			
41	120.10			
42	120.02			
43	120.00			
44	119.87			
45	119.81			
46	119.76			
47	119.71			
48	119.62			
49	119.54			
50	119.51			
51	119.40			

TEMPERATURE-DEPTH LOG

Location Name _____ Tn/Rg/Sec _____ / _____ / _____ Hole Number _____
Latitude _____ Longitude _____ Elevation _____ Date _____
Map: 1:250,000 _____ Quadrangle Map _____
Probe/ Cable/ Bridge _____ Operator _____
Notes: _____

Depth meters	Resistance ohms	Temperature °C	ΔT/ΔX °C/km	Comments
52	119.35			
53	119.27			
54	119.20			
55	119.14			
56	118.98			
57	118.95			
58	118.89			
59	118.80			
60	118.71			
61	118.61			
62	118.54			
63	118.48			
64	118.42			
65	118.30			
66	118.22			
67	118.10			
68	117.99			
69	117.87			
70	117.78			
71	117.69			
72	117.55			

TEMPERATURE-DEPTH LOG

Location Name Peter's H₂ & 3 Tn/Rg/Sec / / Hole Number
Latitude Longitude Elevation Date
Map: 1:250,000 Quadrangle Map

Probe/ Cable/ Bridge	Operator
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Notes: to the NW of #1 in pasture - pipe is 2 ft above grd 3" pipe

8/6/98

Gosnold/Merriman/Goodman

Depth meters	Resistance ohms	Temperature °C	ΔT/ΔX °C/km	Comments
#2 25	118.05	bottom		

#3 5' 10ft bottom

5" plastic casing
10 ft Not #2
& 2 ft lower

Joan Dressman

2428 Hwy. 9

FRANKFORT, KS 66427

tele: (785) 292 4739

KGS No. 1 Franfort (Louis.) well 1/45/95 Marshall Co

	Thickness		Lithotype ratio	Rx conductivity ($\text{Wm}^{-1}\text{K}^{-1}$)
	ft	m		
CG	230	70	ls1/ss13/sh8	
Adm	90	27	ls1/sh8	
Walb	160	49	ls1/sh4	
Shaw	150	46	ls7/sh6/shb1	
Doug	70	21	ls1/sh12	
L/KC	140	43	ls3/sh1	
PBC	70	21	sh3/ss1	
V	105	32	ls9/sh1	
Platts	65	20	} ls1/sh3/ss5	
SP	70	21		
FE	360	109	granite	

CORE DESCRIPTION
DOE RUN DR1-A
SE-SE-NW SEC. 1, T4S, R9E
TOTAL DEPTH 1500 FT.

Sample Log
from Peter B
2/1/03

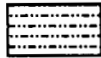
LEGEND



Limestone



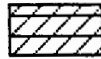
Shale



Silty Shale



Sandstone



Dolomite



Karsted Limestone with
Shale matrix



Igneous, basement rock,
granite



Oolitic rock

DRILL SITE DR1-A DOE RUN SE SE NW SEC1, T4S, R9E
DESCRIPTION OF CORE TOTAL DEPTH 1500 FT.

106.65' -150' of gray to dk. gray calcareous shale with intermittent thin beds of shaley limestone. 111' to 118.5' dk. red shale with lenses of limey gray shale. Olive silty shale down to 123'9" then dk. gray to black calcareous shale with disturbed bedding down to 142'5". Fossiliferous limestone, with disturbed bedding down to 145'. Gray-green sandy shale grading into red-brown shale at 149'5".

150'-190' Alternating thin beds of red shale and gray sandy shale with intermittent layers of limey material and fossiliferous limestone down to 158'10". Down to 182'7" black muddy shale w/ lenses of silty gray shale. Irregular bedding. Intermittant lenses of limey material and thin beds of fossiliferous limestone. Pyrite mineralization occurs throughout, commonly pyritized ostracods. Red shale mottled with blue-green shale down to 184'10". Fusulinid rich, gray-green limestone down to 188. Black muddy shale with carbonate pods and iron concretions to 190'.

190'-230' Same as above down to 198' becoming more silty w/ pyrite nodules ranging in size from 1/4" to 2 1/2" in diameter. Down to 218' more black silty shale banded w/ lenses of sandstone and siltstone. Pyrite mineralization common. Grades into black laminated shale. Grades into dk. gray muddy shale down to 228'. Intermittant layers of black fossiliferous shale and foss. limestone, and lenses of gray shale, down to 230'.

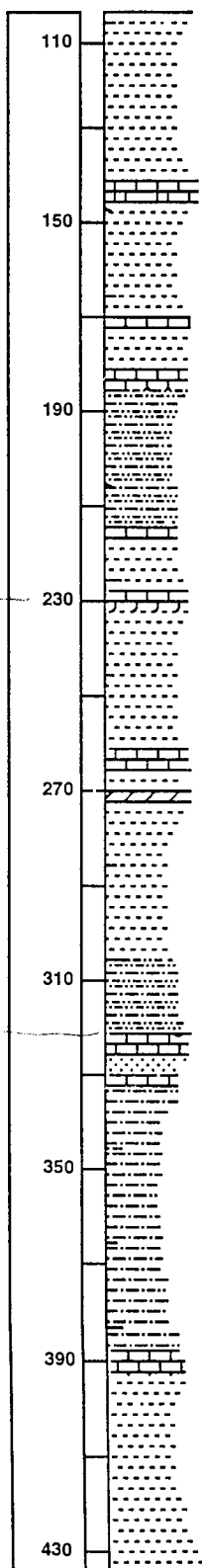
230'-270' Down to 240' black, calcareous shale interspersed with zones of fossils and algae. Intermittant thin layers of shaley, foss. limestone. Irregularly bedded. 240' to 267'5" green calcareous shale. Mottled texture in areas. Carbonate encrustation in areas with solution formed textures. Pyrite mineralization common along bedding planes. A brown paleosol at 264'. Green shaley limestone w/ pyrite from 267'5" to 270'.

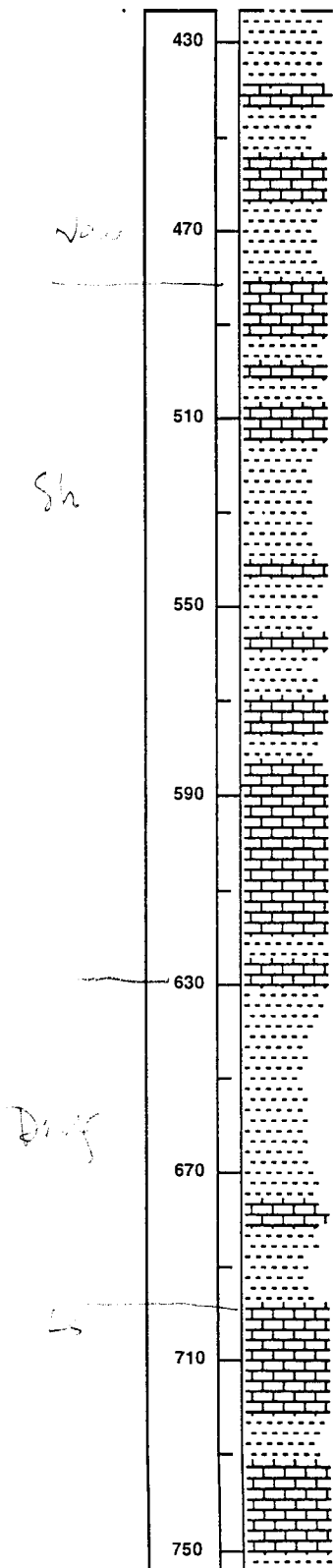
270'-310' Dk. green limey shale. Mottled red and green shale from 272' to 274'. Thin bed of gray green dolomite.. Down to 277' alternating thin beds of calcareous sandy material and green shale. From 277' to 297' black muddy shale with small pyrite nodules. Some coal present around 292' 10". Slickensides at 294' 10", 295', 295'5", 296'11", 297'9". From 297' to 310', green calcareous shale. Areas of mottled red and green shale. Slickensides common throughout. Intermittant irregular beds of green-brown shale and limestone. Many carbonate clasts.

310'-350' Down to 327' alternating thin beds of black shale; dk. gray sandstone; brownish clay material (tidal). Thin bed of conglomeritic black shale with l.s. clasts. Grades into foss. limestone. Alternating beds of black limey shale; dirty, calc. sandstone; dirty, foss. limestone down to 336'10". Down to 350' black shale w/ lenses of silty gray material. Pyrite nodules present. Some lenses of carbonate material are also present.

350'-390' Black shale w/ lenses of siltstone and carbonate material. Also some very thin beds of brown, hard, non-calc. material, probaly chert. Shale is finely laminated and generally homogenous. Pyrite nodules present throughout.

390'-430' Down to 398' same as above. Down to 404'5" gray, fossiliferous limestone. Intermittant thin beds of limey, black shale. Disturbed bedding, bioturbated. From 404' to 414' alternating thin beds of dk. gray, calc. shale; black, petroliferous shale; foss. gray shale; non-calc. gray shale. From 414' to 422' alternating thin beds of limestone; dk. gray silty shale; brown clay and gray sandstone (tidal deposit). 422' to 430' black finely laminated shale w/ small carbonate clasts, slightly calcareous, some pyrite present.





430'-470' alternating thin, beds of dk. gray, calc., foss. shale; lt. gray, foss. shaley limestone; lt. gray, foss. limestone; black shale; lt. gray limestone; black, calc., foss. shale. Oolitic limestone at 455'5" - 457', and 460' to 464'. Fossils present throughout, slickensides also present.

470'-510' From 470' to 480' alternating thin beds of black shale and greenish-black shale. Grades into dirty, foss. limestone. Some gray shale intervals present. From 480' mostly lt. gray to blue limestone, micritic with intervals of fossils and oolites. Stylolites present, and thin partings of brown shale. From 490' to 500', brownish limestone, micritic with vugs and fracture, calcite fills. An interval of brown-black calc. shale. 500'-510' Some oolitic limestone at top, then dk. gray calc. shale w/ carbonate clasts. Basal conglomerate at 507'. Lt. green sandy shale, grades into pinkish-white limestone with solution cavity fills of green shale.

510'-550' 510' to 518', lt. tan to white limestone w/ stylolites. Some thin shale partings. 1' of lt. tan dolomite. Slightly foss. w/burrow fills and fractures. 518' to 528' gray-green calc. shale. Some areas of silty shale and mudstone. Bioturbated. Down to 538' black calc. shale with a zone of oxidized yellow-brown shale w/ carbonate clasts. Thin bed of blue-green shale grades into dk. gray to black, calc. shale. Down to 550' black, cal. shale. Intermittant beds of foss. (fusilinids) shaley tan limestone. From 545' to 550' solution formed limestone with green, calc. shale filling.

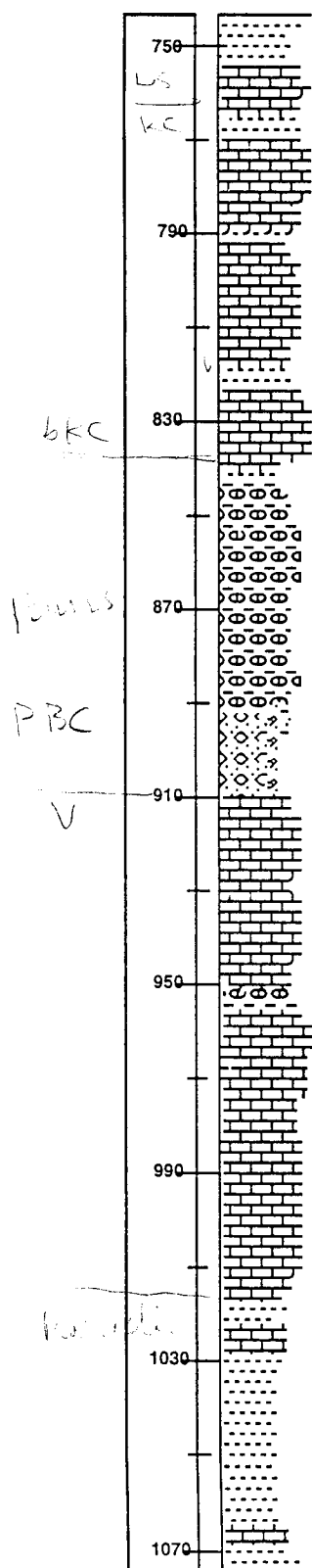
550'-590' Down to 562', dk. green-black laminated, calc. shale w/ intermittant, thin beds of tanish, slightly foss. limestone. Down to 590' mostly tannish foss. limestone w/ burrow, fracture and vug calcite fills. Some oolites and fusilinids present. Intermittant thin beds of green-brown shale, black, foss., calc. shale. Stylolites present in limestone.

590'-630' Down to 622'4" tan to dk. gray limestone. Fusilinid rich near top, lg. chert nodules from 592'-594'. Intermittant brown shale partings. Fossiliferous w/brachs and algae. Calcite vug and fracture fills, stylolitic. Grades into brown shale at 622'. Dk. brown to black, calc. shale down to 627'8". Lt. gray limestone to 630'.

630'-670' Down to 644' dk. gray, calc. shale, slightly fossiliferous. Intermittant thin beds of dirty l.s. Oxidized red shale at 644' to 648'7". Green shale to 649'. Red shale to 651'. Dk. gray, calc, foss. shale down to 670'. Some pyrite nodules.

670'-710' 670' to 698' same as above. Intermittant beds of limestone, foss., some slightly kasted limestone w/green clay fill, stylolitic. Down to 707' limestone. Down to 710' dk. gray, calc. shale turns into 1'6" of red calc. shale, turns into gray shale. Grades into karsted limestone.

710'-750' Karsted limestone w/ green clay fill. Stylolitic w/ fossils. Intermittant thin beds of black shale down to 719'7". Down to 750', alternating beds of limestone and gray shale, some black shale. Stylolites and some fossils present, also pyrite concretions.



750'-790' Down to 766', alternating beds of gray limestone, gray shale, and black shale. Pyrite concretions present, also fossils w/mineral replacement. Some area has mixed l.s. and shale creating mottled look. At 761'7" rock is oxidized for 1'6". Down to 783'3" gray limestone, stylolitic w/chert nodules and green shale partings. Becomes shaley w/ carbonate clasts down to 790'.

790'-830' Argillaceous calc. shale down to 793', an oxidized zone at 791'6". Mixed l.s. and shale down to 799'. Lt. gray stylolitic limestone down to 819', has an area of karst, floating in green shale, also intermittent beds of green, calc. shale. Down to 830' alternating beds of above l.s. and shale, some areas mixed.

830'-870' Down to 849' same alternating beds as above, last 5' mostly shale w/ an oxidized zone at 842'-844'. From 849' to 870', karstic limestone clasts in dk. green-gray shale. Oxidized zone from 850'-858' where fill is red and green-gray shale. Slightly oxidized from 866'-869'.

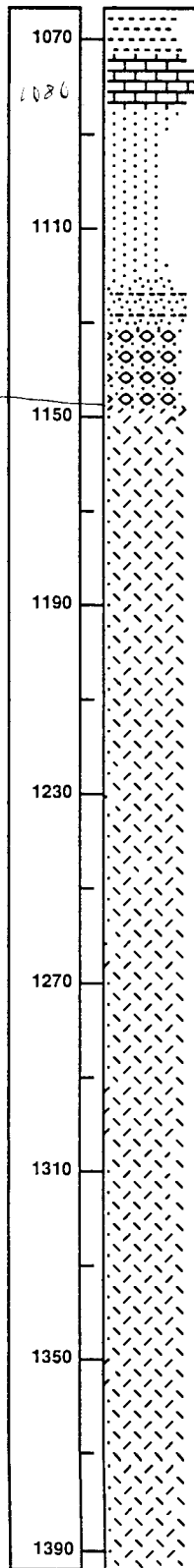
870'-910' Typical karst down to 872'6", shale slightly oxidized. Down to 877'5", rock is less karst, mostly stylolized l.s. with shale partings. Down to 887'5", karst again with mostly dk. red clay, some green-gray shale. Down to 891', alternating beds of l.s. and red clay becoming more shaley w/ depth. 89'-894'5" stylolitic l.s. with green shale. Down to 897' dk. red shale. Followed by gray-green f. grained sandstone, grades into very coarse-grained s.s. with a red clay matrix, and chert clasts down to 908'5". Abrupt change to cherty l.s. to 910'.

910'-950' Down to 950', mostly f.g.-c.g. limestone, stylolitic, some chert nodules at the top. Oxidation associated with solution cavities and stylolites. Green-gray shale partings throughout. Ghosts of fossils, rock probably recrystallized. Rock is pinkish in areas, and brown in other areas.

950'-990' Down to 954'6", l.st. clasts float in an olive-brown calc. shale, karst. Followed by two intervals of l.st. and olive shale, with green-gray shale down to 959'. Pyrite present in shale. Down to 970'5" alternating beds of argillaceous l.st. and gray-green calc. shale, mixed in areas. Down to 990' mostly lt. gray, stylolized l.st. w/ numerous bands of oxidized olive shale. Some solution cavities, and chert concretions.

990'-1030' Same as above, but with a thin layer of chert, ghost fossils, thus rock is probably recrystallized. L.st. is brownish and more argillaceous, same as above down to 1003'8". Down to 1030', alternating beds of argillaceous l.st. and green, calc. and non-calc. fissile shale. Fossiliferous, and pyritiferous.

1030'-1070' Mostly green, calc. shale down to 1050' with intermittent thin beds of argillaceous l.st., also fossil-rich zones in the shale. Pyrite through out. Down to 1070', alternating thin beds of green, calc. shale and shaley l.st., fossiliferous.

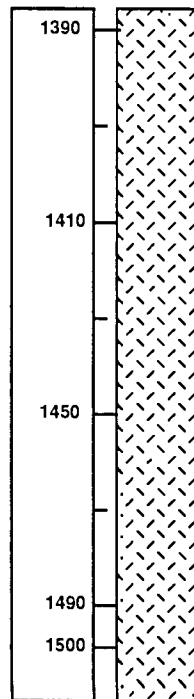


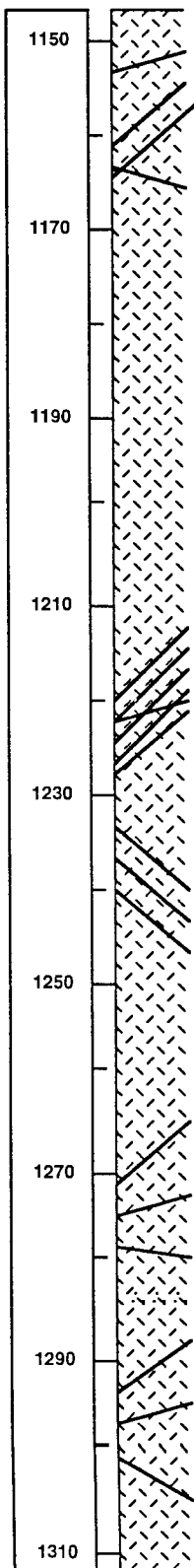
1070'-1110' Down to 1072'8", same as above. To 1078'10", Limestone w/ a mottled texture of various colors. Down to 1083'3", dolostone w/fossil remnants. Changes to sugary, gray, argillaceous sandstone. S.st. is f.g. and well rounded, dirty. w/ sm pyrite crystals. Grades into green s.st. down to 1100'2". Sugary, white s.st. w/green clay streaks down to 1110'.

1110'-1150' To 1113' whitish, f.gr., well rounded s.st. w/ secondary porosity & sulfide cement. Followed by alternating thin beds of dk. green silty sh., glauconitic, green s.st. w/ phosphorite nodules, and black shale down to 1126'9". Iron-rich mixture of sh., v.f.gr. s.st. Followed by phosphorite concretions in a shaley matrix. Iron oolites rich zone in a gray-green shaley matrix. Thin beds of iron-rich s.st, green and black shale down to 1140'. Alternating layers of v.c. gr. dirty s.st. w/ minor iron oolites, f. gr. glauconitic s.st. , followed by very weathered granitic material in gray-green shaley matrix. Sharp contact at 1146'6". Solid, but weathered granite to 1150'

1150'-1190' Solid, but weathered granite down to 1162'1". To total depth, mafic-rich granite, with many fracture zones. See larger scale column for more detailed description of basement rock.

dk sy granite





1150'-1170' Solid, but weathered granite down to 1162'1". All mafic minerals are altered to green clay. Red turns darker at about 1153'1", and then is quite fresh. Healed steeply inclined fractures are common (1155'-1163'). Down to 1159'6" mafic-rich granite changes to a red feldspar-rich rock w/two wide highly inclined fractures filled w/dolomite or barite? several cm. wide. Below 1161' the rock is a mafic-rich granite.

1170'-1190' Rock is as above down to 1190' Hi-angle healed fractures are common. Between 1180-1190, two fracture sets, one shallow ~15 degrees. One at high angles and commonly filled w/ quartz or other mineral.

1190'-1210' Rock as above down to 1210'.

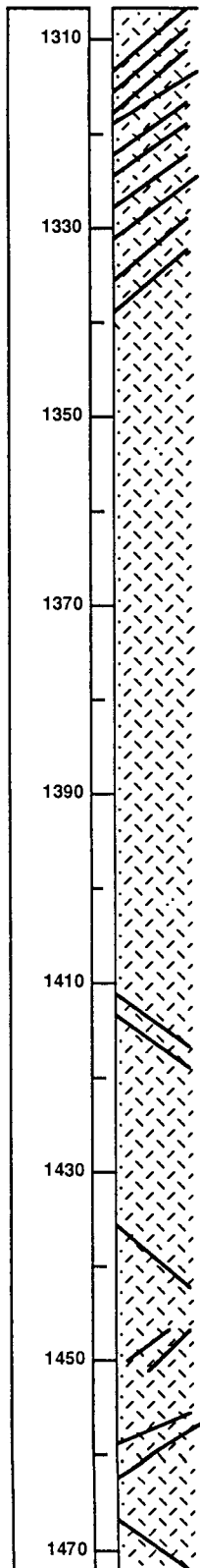
1210'-1230' Rock as above. At around 1219' rock becomes heavily fractured. Fractures filled w/ quartz(?) and calcite. Steep fractures down to ~1227'5". Down to 1230', rock as above.

1230'-1250' Rock as above down to 1231'3". Below this is a 2" wide steeply inclined fracture filled w/ secondary minerals including calcite. Below that the rock is totally fractured and filled w/ secondary minerals, also brecciated. Below 1235'6" the original rock cannot be recognized. It is fine-gr. and dark colored. Probaly totally ground up original granitic rock. ~ 1237'5" the rock is again granitic. Are the f. gr. rocks volcanic? Are some of the clasts in the breccia sedimentary? Down to 1240' is pervasively fractured rock under a high angle as above. Down to 1250', rock is granitic like above descriptions.

1250'-1270' Rock same as above. A high angle fracture at 1270'9".

1270'-1290' Rock same as above down to 1283'1". Two low angle fractures, 1273' and 1275'. Both are filled with secondary minerals and ~3-4 mm wide. From 1283'1" to 1283'10" fine-grained granitic rock devoid of larger ferromagnesium minerals. About 8 low angle fractures. Below rock is a coarse grained granite.

1290'-1310' Down to 1310' coarse grained granite as above. Several high angle fractures at ~1292', 1295', 1298'.



1310'-1330' Down to 1330', same as above. Steep healed fractures are pervasive and are up to 1 cm thick. Down to 1323'9", same as above but becoming slightly oxidized red. At 1327'3" the rock is red, badly fractured. A 2" pegmatitic band is at the top.

1330'-1350' Rock badly fractured and red to about 1340'6", the lower 8" are very fine-grained. Below that the rock is slightly oxidized and coarse grained. Many high-angle fractures, down to 1350'.

1350'-1370' Pretty well unoxidized below 1350'. Below ~1352' much reduced ferromagnesium minerals in the rock. Both high-angle and low angle fractures, but only two or three of each. They are also only a couple mm's wide. At 1364'6" a 4" band of red feldspar rich rock. By ~1360' ferromagnesium content is up again. Mineralization (sulfides) on fracture surface at 1364'8" and in the granite at 1364'4".

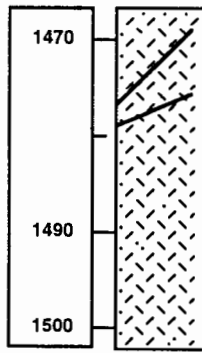
1370'-1390' Down to 1380' same as above. At 1381'7" the rock is oxidized for about 8" associated with a fracture. Low angle fractures are more common from 1379' to 1389'. Some high angle fractures ~1390'.

1390'-1410' Down to 1399' rock much as above but with some high angle fractures. Down to 1400'10" granite as above. Below ~9" a quartz-feldspar rock grades into a gray quartzite mixed with some pink feldspar for 13" and 2" of quartz-feldspar down to 1403'. 1'1" to 1401'1" granite and another 5" of quartz + feldspar rich rock. Granite to 1409'4", followed by coarse grained granite to 1410'.

1410'-1430' Down to 1422' same as above granite. Healed and unhealed high angle fractures from 1420'-1422'. Calcite along healed fractures. From 1422'-1423'6" more pegmatitic granite with large crystals of feldspar (k-spar). Around 1425' grades into a darker, higher % ferromagnesium minerals, granite. Healed fractures common throughout. Same as above down to 1430'.

1430'-1450' Same as above down to 1445'1". A very distinct high angle fracture filled with an oxidized, orange fracture fill from 1440'8" to 1441'9". From 1445'1" to 1449'3", compositionally similar as above rock, but w/ a porphyritic texture of a ferromagnesium fine-grained matrix w/ med-sized sub-hedral crystals of feldspar. At 1446', an anomalous parting, 2-3 mm thick, oxidized, probably a slickenslide. Two slickenslides around 1445'-1449'.

1450'-1470' Same as above down to 1451'5". A 3" phenocryst of feldspar w/ inclusions of ferromagnesium minerals down to 1451'8". To 1459'2" Same as previously described granite. Some healed, low angle fractures from 1452'6" to 1453'8". Same as above down to 1461'4", dk. granite, little or no quartz visible, with dominant feldspar. Several healed fractures, one large one from 1461'6"-1462'6". In the same zone, a higher % of feldspar. Ferromagnesium ground-mass still prevalent. Same dk. granite down to 1470'.



1470'-1500' Same dark granite with little or no quartz visible down to 1500', the total depth. Only one high angle fracture around ~1478'.

Frankfort, Kansas, 1999

