

Depths Match
GR Log
4473-76

CSO #2 Crist "B"
Scott Co., Kansas
CORE #1 4487-4537
4493-4543

Cut & Rec. 50'

4487-90 ls. brnsh gry, f-mx, sli foss. (crinoids & brachs), no porosity, no shows.

~~4496-97~~
4490-91 sh blk, sli foss.

~~4497-98~~
4491-92 ls. brn, f-mx, tite, tr. pin pt. bleeding oil.

~~4498-4500 1/2~~
4492-94 1/2 ls. gry, fx, foss, some calcite filling, low-med porosity, prob. low perm, bleeding oil from pin points & tite vertical fractures.

~~4500 1/2 - 01 1/2~~
4494 1/2 - 95 1/2 ls. gry - brnsh, vfx, partly argill., no porosity. N.S.

~~4501 1/2 - 02~~
4495 1/2 - 96 sh, blk

~~4502 - 20~~
4496 - 4514 ls. gry - brn, f-vfx, partly oolitic & foss, partly argill., few thin sh. strkn. No apparent porosity. N.S.

~~4520 - 24~~
4514 - 18 ls. dk gry - blk, vy argill. N.S.

~~4524 - 43~~
4518 - 4537 ls. brn - dk brn, f-vfx, sli foss, mostly quite argill. Few chert nodules 4520-25. No porosity. N.S.

CSO # 2 Crist "B"

CORE # 2 4537-87 4543-93

CUT & Rec. 50'

4543-52

4537-46 ls. dk brn, f-vfx, sli foss., partly argill., no por. N.S.

4552-54

4546-48 sh, blk

4554-55

4548-49 ls. dk brn, fx, foss. (crinoids), no por. N.S.

4555-58

4549-52 ls. blk, vy argill grading to shale, few lg. brachs. No por. N.S.

4558-61

4552-55 ls. grnish gry, vfx, dus w/ strk grn waxy sh.

4561-63

4555-57 ls. gry, fx, some calcite filling, spotty stain & bleeding from low-med porosity. large chert nodule @ ~~4557~~
4563. Some vert. fractr.

4563-73

4557-67 ls. brn, mostly very oolitic & foss., generally good even stain in med. porosity. Few vert. fractr. Tite strk 4567-67 1/2.

4573-76

4567-70 ls. brn, fx, sli foss., partly dk & argill. No por. N.S.

4576-80

4570-74 sh hd, blk grading to dk, vy argill. ls.

4580-82

4574-76 ls. grnish gry, f-mx, sli foss., no por. N.S.

CORE #2 (Cont'd)

4582-84

4576-78 ls. dk gry - blk, vy argill grading to sh.

4584-86 1/2

4578-80 1/2 sh, blk

4586 1/2-89

4580 1/2-83 ls. brn, fx, foss (brachs), mostly tite
some spotty stain & bleeding oil from low-
med por. Few tite vert. frags.

4589-90

4583-84 ls. brn AA, no por. N.S.

4590-91

4584-85 sh, dk gryish grn.

4591-93

4585-87 ls. brn, fx - colitic, no por. N.S. Some
grn sh AA. (End Core #2)

CORE ANALYSIS #2 CRIST "B"

CORE #1	CORRECTED DEPTHS TO		Porosity	Oil Sat.	Total Wtr. Sat.	Perm. Max.	90° Angle To Max.
	GR LOG						
4491-92	4497-98		1.8	15.5	55.5	less oil	
-93.5	-99.5		3.4	29.4	57.7	2.6	
-94.8	-4500.8		2.9	22.0	60.0	1.4	
-95.3	-01.3		1.5	0.0	94.8	less oil	
X							
4504.8-06.0	4510.8-12.0		3.0	0.0	92.5	"	
-07.0	-13.0		4.4	0.0	93.0	"	
X							
4511-12.6	4517-18.6		4.1	0.0	93.3	"	
CORE #2							
4554.5-56.0	4560.5-62.0		16.3	5.1	84.4	0.3	0.1
-57.5	-63.0		11.8	11.7	72.5	0.4	0.3
-59.0	-65.0		10.5	22.5	47.1	65	2.1
-60.8	-66.8		8.9	24.2	51.6	0.5	} plus Perm
-61.4	-67.4		4.9	2.9	78.0	less oil	
-62.6	-68.6		7.2	12.9	65.8	less oil	less oil
-64.2	-70.2		8.8	6.4	68.7	0.4	0.4
-65.4	-71.4		7.6	5.7	62.1	0.4	0.4
-67.0	-73.0		7.3	10.7	68.5	0.9	0.8
-68.2	-74.2		4.2	1.9	91.5	less oil	less oil
X							
4580.9-82.0	4586.9-88.0		2.1	16.2	64.1	"	"
-83.0	-89.0		5.0	7.8	72.8	"	"