

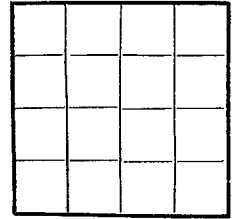
SAMPLE RECORD 23-16-9W

State Kansas Co. Ellsworth Farm Gregory No. 1 Sec. 23 Twp. 16 Rge. 9W.

Location _____

Company Keys Petroleum Co. Date Drilled _____

Elevation _____ Total Depth 3600'



2797-3005	Softwhite crystalline limestone, gray shale
3005-3014	Soft white crystalline limestone, gray shale
3014-3020	Soft buff porous limestone, gray shale
3020-3030	" " " " " "
3030-3035	Soft buff porous limestone.
3035-3038	" " " "
3038-3043	Soft buff coarsely crystalline ls.
3043-3045	" " " " "
3045-3048	" " " " "
3048-3062	Soft gray coarsely crystalline ls.
3062-3070	Medium hard dark gray to black shale.
3080-3080	Soft buff coarsely crystalline and porous ls.
3080-3088	Soft buff dense limestone.
3088-3095	Soft buff dense limestone, little gray shale.
3095-3100	Soft buff dense limestone.
3100-3105	Soft buff dense limestone and oolitic ls.
3105-3118	Soft white oolitic ls.
3118-3125	Soft white oolitic limestone, greenish gray shale.
3125-3130	Soft white oolitic and buff dense ls.
3130-3135	Soft white oolitic and buff dense ls.
3135-3140	Soft buff and brown finely crystalline ls.
3140-3150	Soft buff and brown finely crystalline ls.
3150-3155	Soft dark gray shale.
3155-3165	Soft buff to brown finely crystalline ls.
3165-3170	Soft buff to brown finely crystalline ls., reddish brown ls., dark shale.
3170-3175	Soft gray crystalline limestone, gray shale.
3175-3180	Soft gray crystalline ls., gray shale.
3180-3185	Red shale, gray shale and ls. cavings---Top conglomerate
3185-3190	Red and green shale, soft buff dense ls.
3190-3195	Soft buff crystalline ls., red shale.
3195-3200	Soft buff crystalline limestone, red shale.
3200-3205	Medium hard gray crystalline ls., red shale.
3205-3210	Medium hard gray crystalline ls., red shale.
3210-3215	Soft gray to dark gray shale.
3215-3225	Soft buff dense limestone, red shale.
3225-3230	Soft buff dense limestone, red and green shale.
3230-3238	Red shale, green shale.
3238-3245	Red shale, greenish gray shale.
3245-3250	Red shale, greenish gray shale.
3250-3255	Red shale, greenish gray shale, white dense ls.
3255-3258	Red and green shale.
3258-3260	Lime shell, red and green shale.
3260-3262	Red and green shale.
3262-3265	Red and green shale.
3265-3270	Red and green shale, dense white and weathered chert.
3270-3275	Greenish gray shale, white chert and red shale.
3275-3277	Red and gray green shale, white and brown chert.
3277-3288	Red and gray green shale, white and brown chert.
3288-3290	Red and gray green shale, white and brown chert, rounded sand.

SAMPLE RECORD

23-16-9W^{16-9W}

Gregory
 State _____ Co. _____ Farm ~~Kays~~ No. 1 Sec. 23 Twp. 16 Rge. 9W

Location _____

Company _____ Date Drilled _____

Elevation _____ Total Depth _____

3290-3296 Red and gray green shale.
 3296-3303 Red and gray green shale.
 3303-3308 Red and gray green shale.
 3308-3315 Red and gray green shale.
 3315-3322 Red and gray green shale.
 3322-3330 Soft gray green and olive green shale, red shale
 3330-3337 Soft gray green and olive green shale, red shale.
 3337-3347 Soft gray green and olive green shale, red shale.
 3347-3356 Soft gray green and olive green shale, red shale.
 3356-3360 Soft gray green shale, white chert.
 3360-3365 Brownish coarsely crystalline dolomite, gray green shale.
 3365-3374 Brownish coarsely crystalline dolomite, gray green shale.
 3374-3380 Brownish coarsely crystalline dolomite, gray green shale.
 3380-3388 Brownish coarsely crystalline dolomite, white ls., gray green shale.
 3388-3392 " " " " " " " "
 3392-3401 White dense ls., brownish dolomite, gray green shale.
 3401-3410 Gray and greenish gray shale, white ls.
 3410-3418 White and gray crystalline ls., little dolomite.
 3418-3429 White and gray crystalline limestone, little dolomite.
 3429-3435 Gray sandy lime, little dolomite.
 3435-3448 Gray sandy lime, little dolomite.
 3448-3455 Gray sandy lime, little dolomite, gray shale.
 3455-3463 Gray sandy shale, gray sandy lime.
 3463-3474 Brown mottled earthy limestone, gray shale.
 3474-3485 White coarsely crystalline ls.
 3485-3500 White coarsely crystalline ls.
 3500-3510 Brown and white coarsely crystalline ls.
 3510-3520 Brown and white coarsely crystalline ls.
 3520-3528 Brown and white coarsely crystalline ls., dolomite.
 3528-3542 Buff and brown dolomite, sand.
 3542-3554 Brown dolo. green shale, coarse rounded sand.
 3554-3569 Brown sandy conglomerate with many small black polished pebbles.
 Fine angular sand.
 3569-3580 Fine angular sand, few rounded frosted grains, green shale.
 3580-3590 Green and gray green shale, little fine angular sand.
 3590-3600 Green waxy shale, gray shale, little fine angular sand.

Top Penn. conglomerate	3180'
Kinderhook sh.?	3322-3360
Silurian?	3360-3405
Maquoketa?	3401-3410
Viola ls.	3410-3569
Simpson	3569-3600 T.D.