00331

G2905

SHELL OIL COMPANY LITHOLOGIC LOG SCALE: ____

State: MISSOURI	Name: SHELL 13A-19-6-2	Elev. 782.5 ~~KB~~ GL	Comm.
County: VERNON	Location: T 32N R 32W Sec. 19	TD 183	Comp.
19	Area ~~or Field~~: VERNON	Elec./Log ✓	Cores (whole-chips)
	Production:	Radioactive	Samples ✓
		Microlog	
		Laterolog	Outcrop

Lithology by: RWW Date: 7-27-67

Remarks: 9.85' PC 62' SC DIRTY SAMPLES

Depth & Tops	Engr. Data	Shows	MISC.	Porosity	Matrix	Lithology	Texture	Sedimentary Structure	Fossil & Access.	Environment	DESCRIPTION
											The concentration of "heavy" ed increases in quantity and massiveness - of siderite downward
10											
20											Hvy silt-bed. ss, arg., no apparent porosity or permeability some "bedded" siderite
											some siderite and/or ferruginous mudshale
30											poor developed coal in green plastic underclay -
									Siderite		
											Some silty zones in underclay
40											pale green clay-arg silt - silty sh/sh and all intermediate gradations
									Siderite		
50											
									Siderite		
60											vf-f.g., well sorted, ss, with spotted to heavy uniform staining downward. The upper portion of the ss has gone ~~oil~~ filled in part by clay.
70											The ss becomes more trouble w/depth - and apparently should have good vertical continuity -
											Brown green plastic sh - partly silty - some carbonaceous material
80											Gray micac silt.
											heavy micac, hardy carbon, silt and ~~arg~~ silty sh.
90								long ft.			coal at 90'
											increase in carbonaceous material. still very hard carbonaceous
RWW CHECK this of coal									bleached siderite		
100											Gray-green micac-carbonaceous sh, extremely carbonaceous in part. Green underclay - siderite nodules, bedded siderite - mudshale and sh. f.g.-f.g., well sorted pebbly - carbonaceous ss, with some carbon material and/or plastic material
											ss micaceous silty
											brn. trouble-free dolly - hardy carbon ss -
110											c.g. silt-bed. ss, with thin carbonaceous and carbonaceous layers the binding is probably kaolinite and there is a varying amount of clay material. Generally the porosity is poor except where gr. size is somewhat larger -
								Sp. f.			Hydrocarbon show deposition at base bottom
120											
											vf-f.g. ss-sh pieces w/ scattered thin carbonaceous flecks pieces - some carbon material.
130											
											become increasingly carbonaceous, and platy - thinly lam - at bes
140											blk carbonaceous
											Coaly zone
											Green plastic underclay
											vfg ss
150											hardy carbon silty gray sh - shaly silt
								Pelloids			dk gray clay sh - many plant frags, partially pyritized - and oxidized
160											
170											blk hard sh coal
											COOL
											olive green sh -
180											blk hard ss coal - green underclay
190											