Well	Davis Oil Company
Lease	Knopp
Location	1487'fnl & 165' fwl
Sec. 33 Twp. 47n Rge. 30w	
County	Jackson
State	Missouri
Elev.	1322
	1319
Contr.	Gr
Spud	25' of 7"OD Sur.
Comp.	
Total Depth	
Logs	Gamma Ray-Neutron by Top Mitchline Services

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MO. OIL & GAS COUNCIL

Casing Size	13 3/8"	8 5/8"					
Set at	25'	707'					
Cemented with	0	0					
Hole size	0	707'					
Drilling Contractor	Jack Wells						

LEGEND

Shale, Siltstone, Sandstone, Carb Shale, Coal, Limestone, Oot Lime, Chert, Dolomite

SCALE 1" = 100'

DRILLING TIME in Minutes Per Foot (Rate of Penetration Decreases) 5 10 15 20 25	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
			Soil 0'-4' Clay; red, 4'-8'	
			Limestone; lt. gry 8'-10'	
			Clay; red-10'	
			Shale; blk., 11'-13'	
			Shale; gry., 13'-18'	
			Limestone; gry., soft 18'-20'	
			Limestone; gry.	
			do	
			do	
	50		Shale; dk. gry.-blk. med. firm	
			do. to 53'	
			LS 53'-54'	
			Shale 54'-77' gry.	
			LS gn. w/Shale stks.	
			Shale; gry.	
			Shale; gry., W/consid. LS stks to 77'	
BASE KANSAS CITY GP.	77			
			Shale; gry.	
			do	
	100		do	
			do	
			do	
			do	
			do	
			do	
	150		do W/Sandstone stks from 157'-175'	
			do	
			do	
			do	
			do	
	200		sdy grn. sM 198'-200'	
			SS; grn., v/fn.-fn., occ med. fn.	
			do W/sltstn. & thin grn. sh. lam.	
BASE PLEASANTON GP.	225		do. V/shly. becoming Shale; grn., slty.	
			Shale; AA Siderite @ 240'	
			Shale; AA to 244'	
	250		SS v/fn.-med. grn.carb. sh lam."good SS @ 245"	
			CORE NO. 1 249'-266.5'	
			cut 17.5' recvd 10'	
			CORE NO. 2 266.5'-285'	
			cut 18.5' recvrd 16.5'	
			"good color" @ 259'	
			Bk. brn oil flowing while drilling	
			No 2 core	
			CORE NO. 3 285'-305'	
			cut 19.5' recvd 18'	
	300			
			Shale; med. gry., firm to 311'	
			Sh. 311'-312' brn., crse. sln.	
			Sh. 312'-314' blk. W/shell debris, Tr. Coal	
			Shale; med. gry., firm	
			do W/Ls, brn. w/gry. mott	
			Shale; gry. & grn. mottling	
BASE PRAIRIE OF.			do to 316' W/consid. Ls. tan, fn.-dnse.	
			SS grn., v/fn.-med. fn. mic. slty in upper	
			SS lt. grysh grn., v/fn.-med. fn. mic. FeS_2	
	350		do.	
			SS AA & SS white, fn. med. crse. tite. calc	
			SS brn., fn.-med. crse. w/calc. TR.amts. of sdy Ls.	
			do.	
			do.	
			SS. lt.grnish gry., fn.-med., hard, tite.	
			do.	
			do.	
	400		do. W/Sh. gry. slty., carb., Siderite.	
			SS. white, fn.-med., calc., carb., tite	
			do to 415' (driller logs 1' Ls 415'-416')	
			Shale; dk. gry., slty., mic., few sltstn lam	
			Shale; grn. to 423'	
			Coal & Sh., blk., W/underclay, gry., soft.	
			Shale; lt. gry., soft	
			do.	
			Ls. 435'-437' dk. brn., fn.-med. sln., foss	
			Shale; 437'-440' blk., w/sltstn. stks.	
			Ls. brn., w/Sh., blk. & grn.	
	450		Shale; grn., v/slty.	
			do.	
			do. slty.	
			do. W/Ls stks.	
			Shale; grn., w/sltstn. stks., lt. gry., coal	
			SS. white, v/fn.-fn., clean, tite.	
			Shale; blk. w/tr. coal	
			do & underclay, w/Sh. lt.grnish gry., soft	
			Sh. AA becoming v/slty. firm	
	500		Shale med. gry., & Ls., dk brn., dnse.	
			do.	
			do.	
			do. & Coal (good) pyritic, calcitic	
			Shale; lt. grysh grn.	
			do.	
			do.	
			Shale; grn. & Sltstn;gry-white. Tr.v/fn.SS	
			Sltstn. & SS as above	
			SS. white-tan, v/fn., dirty, hard, tite	
	550		do becoming Sltstn.,W/Sh. lt.grn. firm	
			Sh. AA & SS. v/fn.-fn. white, clean w/gry. slty dirty stks.	
			do. (predom. SS)	
			do.	
			do.	
			SS. white, fn.-med., hard, clean	
			do. w/Siderite, earthy & grn. Sh. stks.	
			SS. white, v/fn.-occ. crse., consid. carb. & clay material, several Sh stks	
			do.	
	600		do.	
			do.	
			Shale; grn., firm, w/occ. gry. sltstn stks	
			do.	
			Shale; dk. gry., v/slty., mic.	
			do.	
			Shale; blk., slty., mic., FeS_2	
	650		do.	
			do. W/SS. stks.	
			do.	
BASE CHEROKEE GROUP	661		do. to 684' Trace Chert, white	
TOP MISSISSIPPIAN			Ls. brn.tan, dnse., tr. sdy Ls.	
			Ls. tan, dnse., sli. oolitic	
	700		Ls. tan, dnse. & oolitic	
			do. W/some sdy Ls.	
	RTD 707'		@ 1230 hrs. 18 Dec. 1980	
5 10 15 20 25 DRILLING TIME in Minutes Per Foot Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS