

WELL LOG MAPPING FORM

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached surface level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

			Name	Top	Bottom
Topsoil	0'	4'	Shale	637'	649'
Clay	4'	30'	Lime	649'	652'
Shale	30'	66'			Black water lime
Lime	66'	70'	Shale	652'	669'
Shale	70'	89'	Lime	669'	673'
Lime	89'	106'	Shale	673'	683'
Shale	106'	114'	Lime	683'	685'
Lime	114'	122'	Shale	685'	686'
Shale	122'	126'	Lime	686'	694'
Lime	126'	148'	Shale	694'	697'
Shale	148'	178'	Shale	697'	700'
Lime	178'	198'			white, sandy
Shale	198'	258'	Lane	700'	701'
Lime	258'	282'	Iola	701'	704'
Shale	282'	284'	Shale	701'	704'
Lime	284'	286'	Sand	704'	705'
Shale	286'	304'			Shaley, odor
Lime	304'	312'	Limey	705'	713'
Shale	312'	339'	Sand	705'	713'
Lime	339'	352'	Shale	713'	725'
Shale	352'	358'	Shale	725'	785'
Lime	358'	388'			T.D.
Shale	388'	393'			
Lime	393'	418'	30 Ft.		
Shale	418'	421'	20 Ft.		
Lime	421'	435'	Hertha		
Shale	435'	446'			
Shale	446'	585'			
Lime	585'	605'	Shaley		
Lime	605'	611'	Pawnee		
Shale	611'	613'			
Lime	613'	622'			
Shale	622'	627'			
Lime	627'	637'			

CASING RECORD new used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
surface	9 1/8"	6 1/4"		41'	portland	15-16	2% gel
completion	5 1/8"	2 7/8"		775'	portland	65	2% gel

PERFORATION RECORD **Acid, Fracture, Shot, Cement Squeeze Record**

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2/ft.	706.0 - 712.0		

Notary Public **Robert W. Schachtner** Date Commission Expires **2/15/88**