SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Sonic Log

COUNTY	NODAWAY
FIELD or LOCATION	SEC 2-66N-38W
WELL	CAMPBELL NO. 1
COMPANY	CITIES SERVICE PETROLEUM COMPANY

COMPANY CITIES SERVICE PETROLEUM COMPANY

WELL CAMPBELL NO. 1

FIELD WILDCAT

LOCATION SEC 2-66N-38W NE NE SW

COUNTY NODAWAY

STATE MISSOURI

Other Surveys: L-GR-N-MLL

Location of Well

Elevation: K.B.: 1157; D.F.: 1155.5; or G.L.: 1150

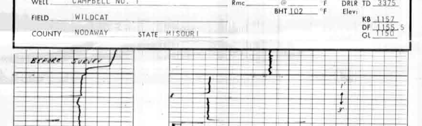
Log Depths Measured From KB 7 Ft. above GL

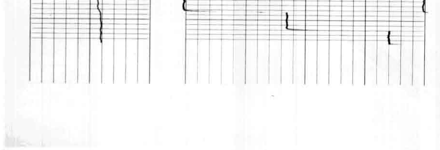
RUN No.	ONE		
Date	2-25-61		
First Reading	3369		
Last Reading	308		
Feet Measured	3061		
Csg. Schlum.	308		
Csg. Driller	309		
Depth Reached	3373		
Bottom Driller	3375		
Mud Nat.	CHEMICAL		
Dens. Visc.	9.7 47		
Mud Resist.	3.3 @ 50 °F	@ °F	@ °F
" Res. BHT	1.7 @ 102 °F	@ °F	@ °F
" pH	10.5 @ °F	@ °F	@ °F
" Wtr. Loss	5.6 CC 30 min	CC 30 min	CC 30 min
" Rmf (M)	1.55 @ 102 °F	@ °F	@ °F
Bit Size	7 7/8		
Spacing: T 3 R 1 R	CSG To TD	To	To
T R R	To	To	To
Opr. Rig Time	2 HRS.		
Truck No.	2531-WICHITA		
Recorded By	MCFADIN		
Witness	BOWERS		

FOLD HERE

REMARKS
VLC No.: 191 RMF = 3.0 @ 50°F
VLS No.: 122 RMC = 3.6 @ 52°F
VLP No.: 189 CENTRALIZERS USED: TWO STANDARD STEEL UPPER CENTRALIZERS PLUS RUBBER FINGER NOSE.

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)



SONIC LOG INTERPRETATION CHART — API Grid

COMPANY	CITIES SERVICE PETROLEUM COMPANY	Rm 1.7 @ 102 °F	SWSC FR 3369
WELL	CAMPBELL NO. 1	Rmf 1.55 @ 102 °F	SWSC TD 3373
FIELD	WILDCAT	Rmc @ °F	DRLR TD 3375
COUNTY	NODAWAY STATE MISOURI	BHT 102 °F	Elev: KB 1157 DF 1155.5 GL 1150