

9-11-17W

State Geological Survey  
WICHITA BRANCHWELL LOGOPERATOR: Liberty Enterprises, Inc.WELL NAME: Simpson "D" #1 LOCATION: NE NE NE .9-11s-17WCOUNTY: Ellis STATE: KansasWELL COMMENCED: May 30, 1981 WELL COMPLETED: June 6, 1981ELEVATION: 1841' K.B. TOTAL DEPTH: 3461'PRODUCTION: Oil RIG NO: #1

CASING - 8 5/8": 5 Jt. new 24# Tally @ 224.70' Set @ 232' cemented with 125 sxs common 3% cc  
 2% gel P.D. 2:30 A.M. 5-31-81 cement in cellar  
 4 1/2" ~~XXXXX~~: Ran 81 Jts. 10 1/2# new Tally @ 3436.24' Set @ 3441' Cemented with 150 sxs  
 Allied ASC P.D. @ 10:00 A.M. 6-6-81

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	180'	sand and shale		
180'	241'	sand and shale	241' - 1/2 - degree	
241'	294'	shale, sand, postrock		
294'	1070'	sand and shale		
1070'	1088'	Anhydrite		
1088'	1104'	Anhydrite		
1104'	1414'	sand and shale		
1414'	1685'	shales and shells	1675' - 1 - degree	
1685'	1915'	shale and lime		
1915'	2140'	shale and lime		
2140'	2380'	shales and limes		
2380'	2665'	shale and lime		
2655'	2832'	lime and shale		
2832'	2956'	limes and shales		
2956'	3000'	lime and shale		
3000'	3095'	lime and shale		
3095'	3185'	lime and shale		
3185'	3179'	lime and shale		
3179'	3390'	lime and shale		
3390'	3453'	lime, shale, chert		
3453'	3461'	lime and shale	3461' - 1 1/2 - degree	
3461'	RTD			

STATE OF KANSAS  
COUNTY OF