

14-11-21W

State Geological Survey  
WICHITA, BRANCH

WELL LOG

OPERATOR: Beren Corporation

WELL NAME: Langley #1 LOCATION: SE SW NE 14-11S-21W

COUNTY: Trego STATE: Kansas

WELL COMMENCED: August 25, 1980 WELL COMPLETED: September 4, 1980

ELEVATION: 2272' K.B. TOTAL DEPTH: 3860'

PRODUCTION: Oil RIG NO: #2

CASING - 8-5/8": 300.26' of new 24# cemented with 250 sxs 60-40 poz mix 3% cc 2% gel cement circ.

5-1/2": 3855' of good & new cemented with 200 sxs 60-40 poz mix 2% gel 10% salt 3/4 of 1% CFR 2, 2nd stage cemented @ 1702' cemented with 300 sxs Halco

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING: Light 50 sxs common

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	308'	post rock and shale	308' - 3/4 degree	
308'	917'	sand and shale		
917'	1619'	sand and shale		
1619'	1704'	sand and shale	1320' - 7/8 degree	
1704'	1750'	anhydrite		
1750'	1976'	sand and shale		
1976'	2329'	shale and sand		
2329'	2434'	shale	2329' - 1 degree	
2434'	2671'	shale		
2671'	2856'	shale and lime		
2856'	3039'	shale and lime		
3039'	3248'	shale and lime		
3248'	3328'	shale and lime		
3328'	3445'	shale and lime		
3445'	3558'	shale and lime		
3558'	3590'	shale and lime		
3590'	3590'	shale and lime		
3590'	3630'	shale and lime		
3630'	3660'	shale and lime		
3660'	3730'	shale and lime		
3730'	3738'			
3738'	3776'	shale and lime		
3776'	3849'	shale and lime		
3849'	3860'		3860' - 1 1/2 degrees	
3860'	RTD			

RECEIVED  
STATE CORPORATION COMMISSION  
1 SEP 12 1980  
CONSERVATION DIVISION  
Wichita, Kansas