

# HERB DEINES

## CONSULTING GEOLOGIST

108 W. 35th ST.

PH. 785-625-3380

HAYS, KS 67601

COMPANY Carrie Exploration & Development LLC  
 WELL Langdon # C-1  
 FIELD Chase-Silver  
 COUNTY Barton STATE Kansas  
 LOCATION: 3190' FSL & 4728' FEL NW/4  
 SEC 25 TWP 19S RGE 11W  
 Elevations: KB 1726' DF          GL 1766'

Logging by: Log Tech

1. Dual Induction Log
2. Dual Compensated Porosity Log
3. Gamma Resistivity Log

Contractor Southern Drilling Co Inc. Rig #1  
 Commenced 12-15-2010 Completed           
 RTD 3420' LTD 3418'  
 Surface Casing 8 5/8" SET TO 253.76' w/ 180 SXS Cement 20% Seal 3% CC  
 Production Casing         

Drilling Time 2500' - RTD Samples 2600' - RTD

Daily Penetration Rate	Date	Depth	Activity	Date	Depth	Activity
	12-15-10		Ry Spd. SETSP			
	12-16-10	461'	Daily			
	12-17-10	1864'	Daily			
	12-18-10	2716'	Daily			
	12-19-10	3080'	Daily, DST #1, DST #2			
	12-20-10	3303'	Daily, DST #3, DST #4			
	12-21-10	3420'	RTD Logs, DST #5, #6			

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REMARKS	Bit Record					
	Make & Type	Serial No.	Nozzles	Depth In	Depth Out	Hours
Recommendation To plug and abandon well based on negative results of DSTs and lack of Reservoir development.						
<u>Herb Deines</u>						

Formation	Sample	Log	Datum	*	Formation	Sample	Log	Datum	*
Topokd		2617	- 841						
Heepner Shale		2879	- 1103						
Taronto		2901	- 1125						
Douglas Shale		2910	- 1134						
Brown Line		3002	- 1226						
LKC		3023	- 1247						
BKC		3229	- 1503						
Flabuckle		3292	- 1516						
RTD	3420								
LTD		3418	- 1642						