

HERB DENES
CONSULTING GEOLOGIST
PH. 785-625-3800
HAYS, KS 67601

108 W. 35th ST.

COMPANY Chas. Silica
WELL Chas. Silica # C-2

COUNTY Barton STATE Kansas

LOCATION 1301/1st & 23rd E. Hays, Mo

LOGGING BY SEC 34 T19S R19E E11W EL. 1771'

LOG TITLE Oil and Gas Potential

CONTRACTOR Southland Drilling Inc. Hays, Mo

DATE 1-25-2018

WELL ID 3420

PRODUCTION OCEAN 51'

DAILY PENETRATION RATE

Date	Depth	Activity	Date	Depth	Activity
1-25	158'	Run Spud S&S P			
1-26	172'	LOG			
1-27	190'	DNG			
1-28	215'	DNG			
1-29	235'	DNG			
1-30	250'	DNG			
1-31	265'	DNG			
2-01	280'	DNG			
2-02	295'	DNG			
2-03	310'	DNG			
2-04	325'	DNG			
2-05	340'	DNG			

REMARKS: Recommendation To Run casing based on favorable structure and positive results of 4 DSTs.

Herb Denes

Formation	Sample	Log	Datum	* Formation	Sample	Log	Datum	*
Topoka	2633	2635	-856					
Heebner Shale	2875	2877	-1118					
Tanonto	2912	2920	-1161					
Douglas Shale	2928	2930	-1161					
Dogwood Lime	3022	3024	-1216					
LHC	3041	3043	-1244					
BAC	3291	3293	-1514					
Abuckale	3312	3312	-1533					
ATO	3420	3422	r1643					

* Structural Position to:

LEGEND

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SCALE " = 100'

