

Jeff Christian

PETROLEUM GEOLOGIST
Wichita, Kansas

GEOLOGICAL REPORT
BRILLIANS TIME AND SAMPLE LOGS

OPERATOR MURFIN DRILLING COMPANY
LEASE YOUNGMEYER # 1-2
LOCATION 1980 F.N.I. 7.840 FEL

ELVATIONS
1421'
1412'
1412'

SEC. 2 TWP. 29 S. R. 8
COUNTY ELK STATE KANSAS
FIELD WILDCAT

APRIL 15-049-22609-00
CONTRACTOR C & B
DRIILLING STARTED 06/21/2017
DATE 06/28/2017

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D
DRILLING TIME 1000' TO R/D

DATE	7:00 AM DEPTH	REMARKS
6/21/17	MTR	Spud @ 12:30 pm
6/22/17	476'	WOC dev. 1/4 deg.
6/23/17	1715'	Drlg.
6/24/17	2097'	brlg. dev. 3/4 deg. @ 2069'
6/25/17	2544'	Drlg.
6/26/17	2735'	Drlg. dev 3/4 deg. @ 2698'
6/27/17	2870'	TIH offer DST # 3
6/28/17	3040'	TIH offer DST # 4
6/29/17	3120'	RTD 3120' @ 1:00 am dev. 1 deg. Finish logging 8:30 am

Remarks
5 1/2" production casing set to further test the Kansas City, Mississippian and Arbuckle formations.
Electric log measurements correlate about 2' to 4' high compared to rotary measurements.
Samples delivered to the Kansas Geological Survey in Wichita.
Respectfully Submitted,
Jeff Christian

