

JERRY GREEN

CONSULTING GEOLOGIST

4350 Keystone Rd
HAYS, KS 67601
PHONE: 785-625-5155

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: CASTLE RESOURCES INC.

ELEVATIONS

LEASE: CHESNEY #1

KB 1959

FIELD: WC

DF

LOCATION: 1610/FNL 1230/FWL

GL 1954

SEC: 24

TWSP: 8S

RGE: 17W

COUNTY: ROOKS

STATE: KS

Measurements Are All From KB

CONTRACTOR: WHITE KNIGHT DRILLING

CASING @ 219

SPUD: 11-4-19

COMP: 11-10-19

RTD: 3469

LTD

MUD UP: 2700'

TYPE MUD: CHEM

SAMPLES SAVED FROM: 2700'

TO TD

DRILLING TIME KEPT FROM: 2700'

TO TD

SAMPLES EXAMINED FROM: 2700'

TO TD

GEOLOGICAL SUPERVISION FROM: 2700'

TO TD

GEOLOGIST ON WELL: 2700'

TO TD

FORMATION TOPS

LOG

SAMPLES

TOPEKA 2840-881

3056-1097

HEEBNER

3075-1116

TORONTO

3096-1137

LKC

3337-1378

BKC

3436-1477

ARBUCKLE

3469-1510

RTD

3469-1510

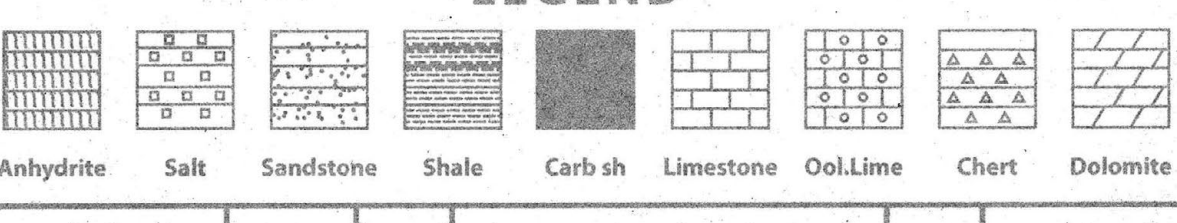
REMARKS

All parties involved recommended that this well be plugged. Poor zone development here was a factor as well as structure.

respectfully submitted

JG

LEGEND



DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
5" 10" 15"	2700'				
	2750'				
	2800'		Gray mica ss Fgr silty barren		
			Gray sh		
	2850'		Lms wh offsh Ft chalky-Fm barren		
			Lms offsh Ft VM FO +st interst +FP Vug Per - Per Poor		
	2900'		Lms wh -tn Ft Fr - Fm foss in pt barren		
			Black sh 60		
	2950'		Lms offsh - Ltgn dead st interst Per		
	3000'		Black sh 3030		
			Lms wh - offsh Ft VM FO +st interst Per		
	3050'		Black sh 80-90		
			Lms offsh - cream arg - chalky Ft barren		
	3100'		Lms wh -tn Ft chalky - Fm tr FO +st interst +FP Rd sh inc		
			Lms offsh -tn Ft barren		
	3150'		Lms wh Ft +tr-VM FO +st interst Per interst +FP Vug		
			Lms offsh - wh chalky - Fm tr FO +st Black sh		
			Lms offsh Fm Ft barren		
	3200'		" "		
			" "		
			Black sh Green shale Lms offsh Ft barren		
	3250'		Lms offsh to Lt tan MFO +st interst foss Per Lms F - ch cherty foss MFO +st interst foss + Frac Per - chalky Lms wh - offsh chalky - cherty tr FO +st mostly barren		
			Black sh 3310		
	3300'		Lms offsh cherty mostly barren tr FO +st interst foss Per		
			Green sh inc		
	3350'		Lms wh to offsh chalky - Fm Ft barren		
			Varicol sh inc		
			Lms offsh Fm Ft barren		
			Rd sh inc		
			Lms offsh cherty barren		
	3400'		Varicol sh mostly Rd with varic Chert		
			" "		
			tr w dolomite weathered		
			Pol F - m cherty in pt barren		
	3450'		interst Per		
			" "		

DST #1
3122-3150
Zone tested: C
Blow: weak
Times: 45-45-45-45
Rec: 15' mud
with spots of
oil in the tool
SIP: 70-31
FP: 13-15

DST #2
3242-68
26'
Zone: I
Times: 45-45-45-45
Rec: 40' osm
SIP: 1054-1004
FP: 13-21
23-29