

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Pound #3-3
API: 15-185-24097
Location: Section 3 - T23S - R12W
License Number: 35162
Spud Date: 11 / 16 / 2021
Surface Coordinates: 3170' FSL and 330' FEL
Approx. N2 - SE - SE - NE
Region: Stafford Co., KS
Drilling Completed: 11 / 22 / 2021
Bottom Hole Coordinates:
Ground Elevation (ft): 1827' K.B. Elevation (ft): 1838'
Logged Interval (ft): 3100' To: 3775' Total Depth (ft): 3775'
Formation: Simpson
Type of Drilling Fluid: Mud-Co

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Dixon Operating Company, LLC
Address: 8100 E 22nd St N, Bldg 300, Suite 200
Wichita, KS 67226

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Young Consulting LLC
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Wichita, KS 67202

General Info

CONTRACTOR: Murfin Drilling, Rig #20

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Smith RR	15-15-15	332'	332'	5.0
3	7-7/8	Smith FHI20VPS	15-15-15	1436' & 3775'	1129'	19.50
2	7-7/8	Smith MDAi516	14-14-14-14-14	3750'	2314'	38.0

Surveys: 332'-.5, 1436'-.5, 3654'-1, 3750'-1

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 15,000 - 20,000 lbs. on bit and approx 80-95 RPM.
Running 9 stands of collars; 530.09'
Pumping approx 900 psi at standpipe @ 62 SPM

Daily Status

11-16-21 MIRT

11-17-21 Spud

11-18-21 Drlg @ 602' Ran 8 jts 317.5' of 8-5/8" 23# surface casing. Set @ 332'. Cemented w/ 350 sks, 60/40 poz, 3% CC. Plug down @ 4:30PM 11/17/21.

11-19-21 Drlg @ 1900'. SHT @ 1436'-1/2

11-20-21 Drlg @ 3345'

11-21-21 DST #1 3556'-3654'

11-22-21 DST #3 3644'-3700', DST #2 3654'-3700' was a packer failure

RTD 3750'. RIH w/Log and hit bridge @ 3600'. TIH with bit and reamed 60' to TD. TOH f/log. RIH w/Log and hit bridge again @ 3600'. TIH w/button bit. DST #3 3644-3700 (Viola)

11-24-21 RTD 3875'. LTD 3773'. Preparing to Run 5-1/2" Production Casing.

11-25-21 Ran 89 jts., 1003' 5-1/2" N-80 white band 17# csg and 2759' T&D 5-1/2" N-80 17# csg (KLS-1267' & DSA-1492'). Set @ 3762'. Pmp 5 BBL of wtr spacer, 25 sks scavenger cement, 175 sks H-Long cement. Plug down @ 3:30PM 11-24-21. Press to 1500#. Plug held, release press no flow back.

DST #1 VIOLA

3556' - 3654'

30"-60"-90"-90"

IF: Weak blow, Built to 2" in the bucket

ISI: No blow

FF: Fair blow. Built to 6.53"

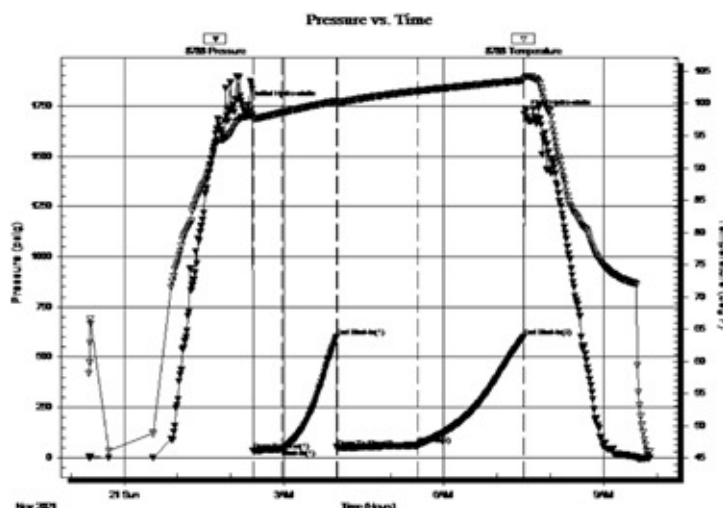
FSI: No blow

Rec'd: 63' GVSOCM (5% G, 3% O, 92% M), 148' GIP (100% G)

SIP: 599-599#

FP: 33-43#, 50-62#

HP: 1756-1711#



DST #1 VIOLA

3654' - 3700'

Packer Failure

DST #3 VIOLA 3644' - 3700' 30"-60"-90"-90"

IF: Weak blow, Built to 3.51"

ISI: No blow

FF: Strong blow. Built to BOB in 51 min. Built to 13.82"

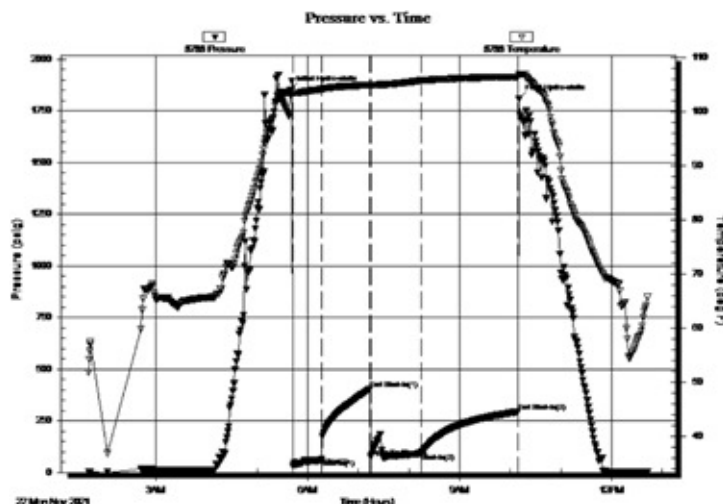
FSI: No blow

Rec'd: 61' GVSOCM (15% G, 5% O, 80% M), 60' GVSOCM (10% G, 5% O, 85% M), 5' VSOCM (5% O, 95% M), 151' GIP (100% G)

SIP: 406-295#

FP: 33-63#, 74-95#

HP: 1853-1806#



ROCK TYPES

	Anhy
	Bent
	Brec
	Cht
	Clyst
	Coal
	Congl
	Dol

	Gyp
	Igne
	Lmst
	Meta
	Mrst
	Salt
	Shale
	Shcol

	Shgy
	Sltst
	Ss
	Till
	Carb sh
	Dol
	Dtd
	Gry sh

	Sandylms
	Shale
	Sltstn
	Shlyslts
	Slttysh
	Lms

ACCESSORIES

MINERAL

	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtlt
	Dol
	Feldspar
	Ferrpel
	Ferr
	Glau
	Gyp
	Hvymin
	Kaol
	Marl
	Minxl
	Nodule
	Phos
	Pyr

	Salt
	Sandy
	Silt
	Sil
	Sulphur
	Tuff
	Chlorite
	Dol
	Sand
	Sltty

FOSSIL

	Algae
	Amph
	Belm
	Bioclst
	Brach
	Bryozoa
	Cephal
	Coral
	Crin
	Echin
	Fish
	Foram

	Fossil
	Gastro
	Oolite
	Ostra
	Pelec
	Pellet
	Pisolite
	Plant
	Strom
	Fuss
	Oomold

STRINGER

	Anhy
	Arg
	Bent
	Coal
	Dol
	Gyp
	Ls
	Mrst
	Sltstrg
	Ssstrg
	Carbsh

	Clystn
	Dol
	Grysh
	Gryslt
	Lms
	Sandylms
	Sh
	Sltstn

TEXTURE

	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst
	Lithogr
	Microxln
	Mudst
	Packst
	Wackest

OTHER SYMBOLS

POROSITY TYPE

	Earthy
	Fenest
	Fracture
	Inter
	Moldic
	Organic
	Pinpoint
	Vuggy

SORTING

	Well
	Moderate
	Poor

ROUNDING

	Rounded
	Subrnd
	Subang
	Angular

OIL SHOWS

	Even
	Spotted
	Ques
	Dead
	Gas show

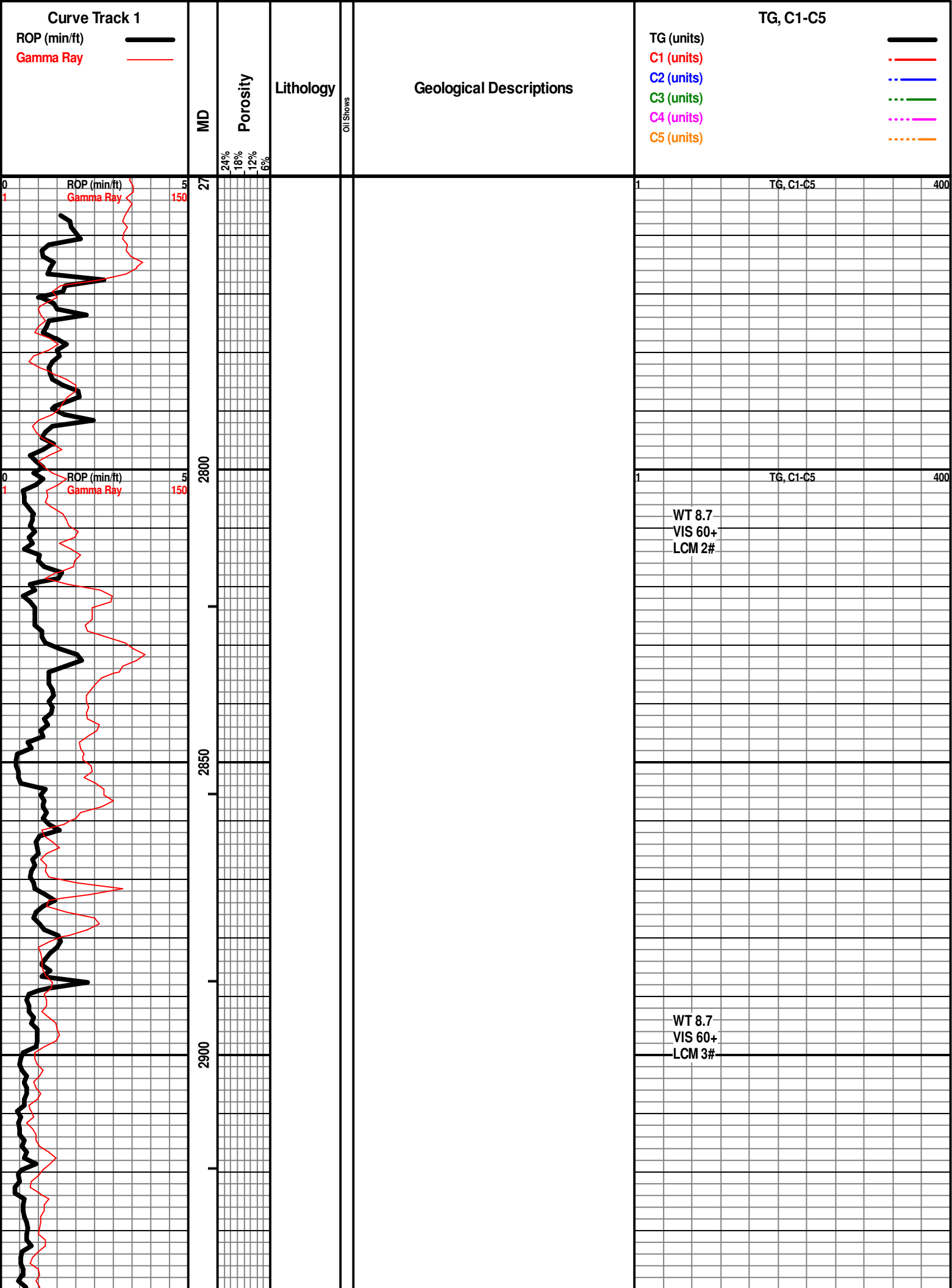
INTERVALS

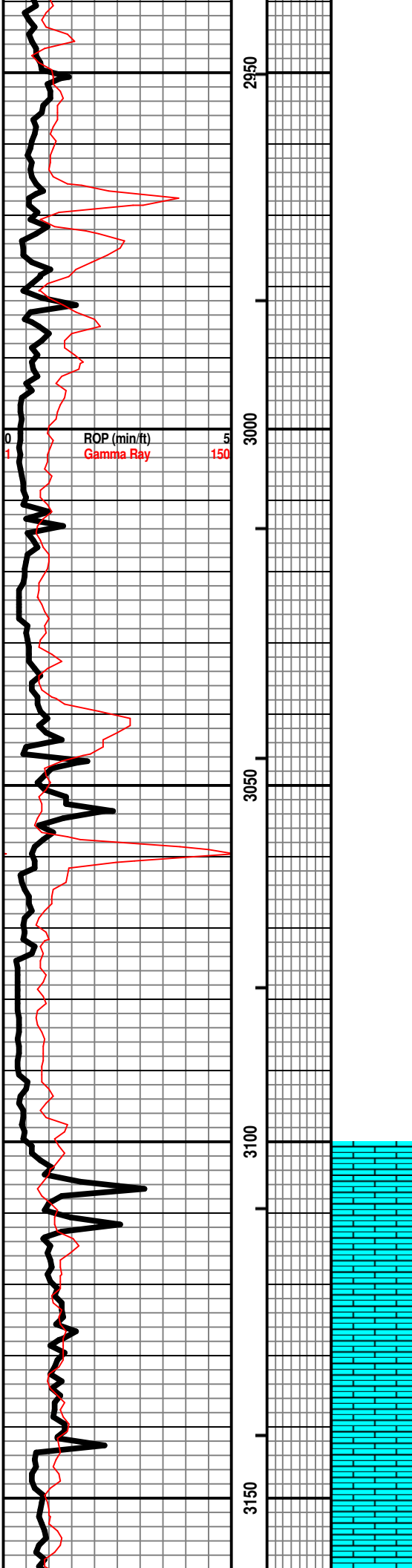
	Core
	Dst

	Dst
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EVENTS

	Rft
	Sidewall
	Conn





LS - CRM / TAN / WHT, V / VF XLN, MOD DNS / SUBCHKY, FOSS, P INTERXLN POR IN PT, NS, CHKY / V CHKY IN PT

LS - CRM / TAN, VF XLN, MOD DNS / SUBCHKY, FOSS

LS - TAN / CRM, F XLN, DNS / MOD DNS, FOSS IN PT

LS - CRM, VF / F XLN, PRED SUBSCHKY, MOD DNS IN PT, FOSS IN PT

LS - TAN / CRM, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT

LS - CRM / TAN, F / VF XLN, PRED MOD DNS / SUBCHKY, DNS IN PT, CHKY IN PT, FOSS

LS - CRM / TAN, VF XLN, SUBCHKY / MOD DNS

WT 8.7
VIS 60+
LCM 3#

TG, C1-C5

WT 8.7
VIS 60+
LCM 3#

WT 8.7
VIS 60+
LCM 3#

