# PLOTTED GEOLOGICAL LOG WellSight Systems

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

Well Name: SPRAGUE #1 Location: 1310' FSL & 1395' FEL of Sec. 35-T25S-R3E Licence Number: API # 15-015-24136-00-00 Region: Butler County, Kansas Spud Date: 10/29/2019 Drilling Completed: 11/1/2019 Surface Coordinates: Lat: 37.82882, Long: -97.06540 (NAD83) Bottom Hole Vertical Well Coordinates: Ground Elevation (ft): 1304' K.B. Elevation (ft): 1313' Logged Interval (ft): 1650' To: 2831' Total Depth (ft): 2831' Formation: Mississipi Type of Drilling Fluid: Chemical Mud by Fud-Mud Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.con

#### OPERATOR

Company: AGV Corp. Address: P.O. Box 377 Attica, KS 67009

## GEOLOGIST

Name: Kent Roberts Company: Roberts Resources, Inc. Address: P.O. Box 75187 Wichita, KS 67275 Cell 316-215-1683

# BIT INFORMATION

#1 - 12-1/4 Atlas 6160 Cut 269' in 2-1/2 Hrs

#2 - 7-7/8 Security S165 PDC, Out at 580, Cut 311' in 7-3/4 hrs. Pulled Early, Would not drill

#3 - 7-7/8 Atlas 516 PDC, RR Out at 2831, Cut 2251'

## INFORMATION

DRILLING CONTRACTOR: C&G Drilling Co., Rig #2

MUD TYPE: Chemical by Fud-Mud

DRILLING TIME KEPT FROM: 400' to RTD

SAMPLES SAVED FROM: 2200' to RTD

SAMPLES EXAMINED FROM: 2200' to RTD

**GEOLOGICAL SUPERVISION FROM: 2200' to RTD** 

ELECTRICAL SURVEYS: CDL/CNL, DIL, MEL, Sonic by ELI

## DAILY ACTIVITY @ 0700 HRS

10/28/2019

C&G Dozer leveling location and digging working pits and reserve pit. MIRT & start Rig Up. Filed Intent to Drill w/ KCC. Wait on approval

10/29/2019

Spud well @ 1:30 PM, drill 12-1/4" hole to 269'. Ran 6 jts New 8-5/8" tally 254' set @ 265' KB. Cemented with 135 sacks cement (2% gel 3% CC) Plug Down 8:50 PM. Cement did circulate. WOC.

10/30/2019

Depth 328', Drilling. Drill out under surface @ 5:00 AM. Depth 580', Bit trip. 3:45 PM, Dev. 1/4 degree. Security S165 PDC not drilling at good rate. Ran 7-7/8" Atlas 516 PDC, Back Drilling @ 4:30 PM

10/31/2019 Depth 1780', Drilling

11/1/2019 Depth 2734'. On bottom w/ DST #1, Opened tool at 7:00 AM. Deviation 3/4 degree

11/2/19 Depth 2831' RTD. Plug and Abandon

**CASING DATA** 

CONDUCTOR CASING: None

SURFACE CASING: 8-5/8" set @ 265' w/ 135 sacks

**PRODUCTION : None** 

# COMMENTS

The Mississippi Chert section was encountered at a datum that has been oil productive on this lease. Although the chert was at a favorable datum, drill stem test results indicate the zone to be water bearing at this location.

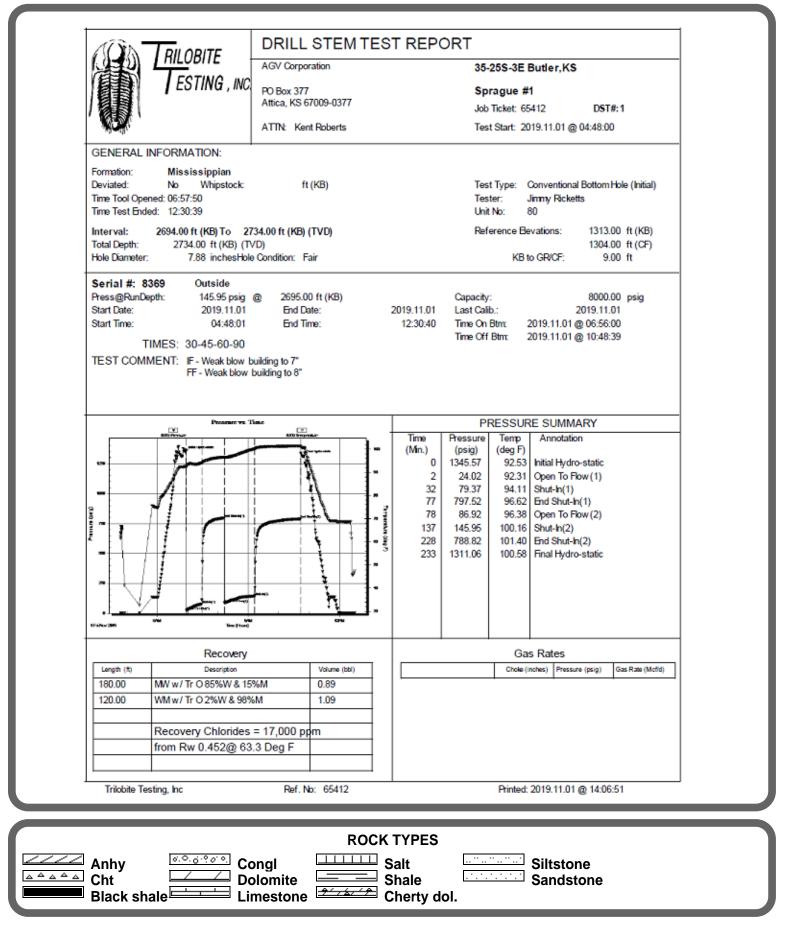
Based on sample analysis, DST results and E-Log measurements it was recommended the Sprague #1 be plugged and abandoned as a dry hole.

Samples were deposited with Kansas Geological Survey per request.

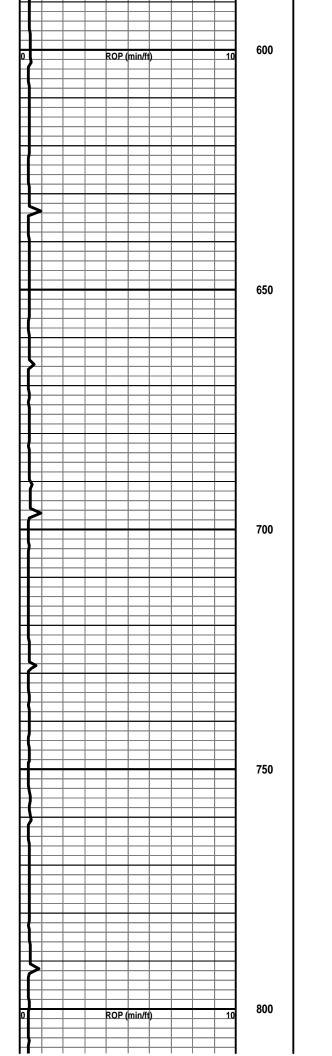
Respectfully,

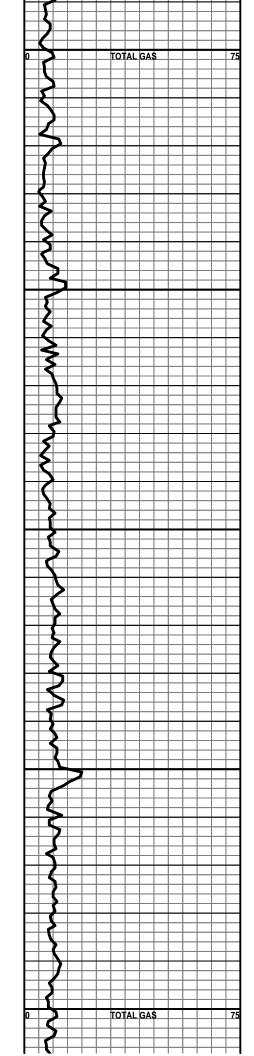
Kent Roberts

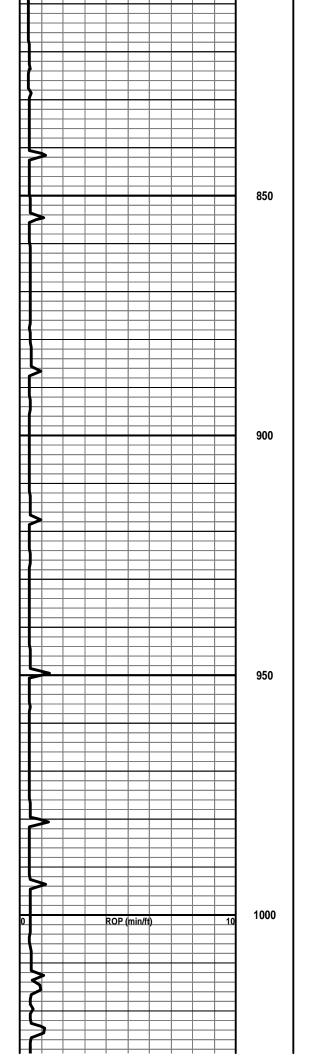
WELL NAME: Sprag	gue 1		ELEV.	G.L.= 1304 K.B.= 1313
FORMATION TOPS	San	nple	E- I	Log
HEEBNER SHALE	1680	-367	1680	-367
LANSING	1948	-635	1948	-635
BASE LANSING	2097	-784	2100	-787
KANSAS CITY	2252	-939	2251	-938
BASE KANSAS CITY	2411	-1098	2412	-1099
MISSISSIPPI	2725	-1412	2724	-1411
MISS. OSAGE	2765	-1452	2757	-1444
HUNTON	NOT PE	NETRAT	ED	
VIOLA	NOT PE	NETRAT	ED	
SIMPSON SAND	NOT PE			
ARBUCKLE	NOT PE	NETRAT	ED	
TOTAL DEPTH	2831	-1518	2832	-1519

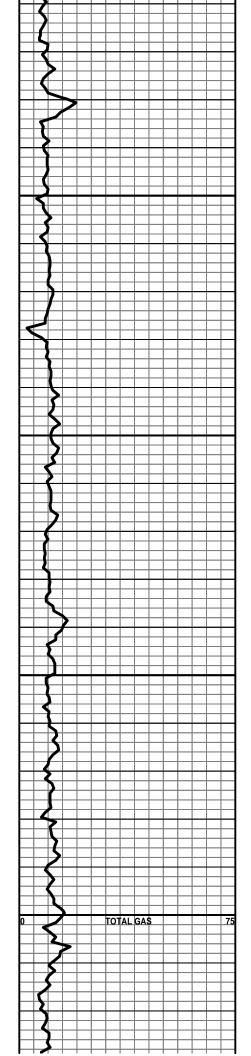


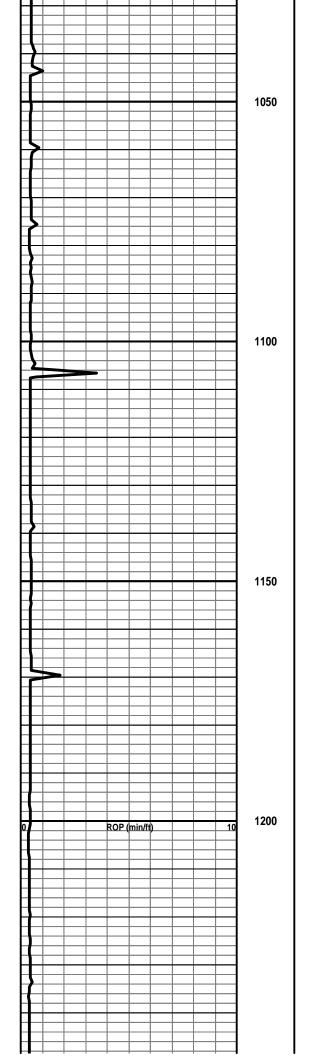
Curve Track 1 ROP (min/ft)		Ŋ		Remarks TOTAL GAS (Units) ———
	Depth	Lithology	Geological Descriptions	
0 ROP (min/ft) 10	400			0 TOTAL GA\$ 75
7	450			Pason Drill Time from 400' to
				Pason Gas Detection 475' to
				RTD
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				Bit Trip @
				580' Deviation 1/4

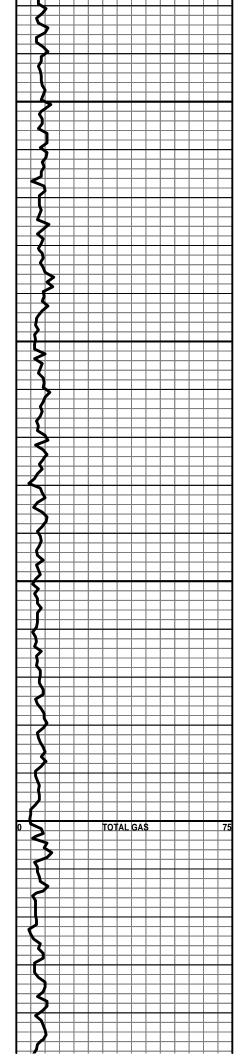


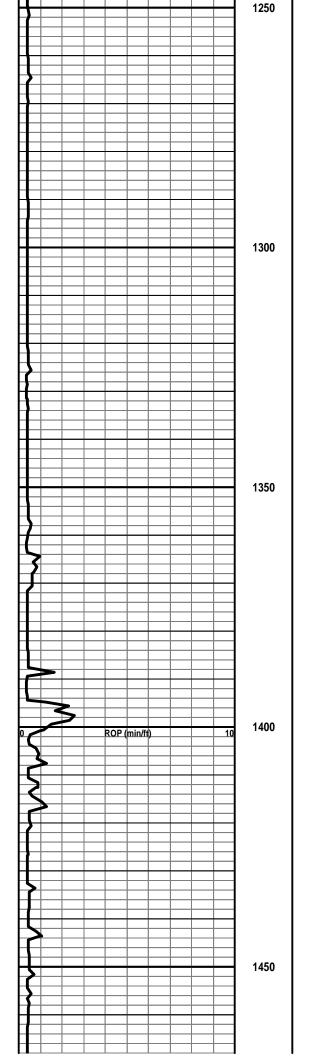


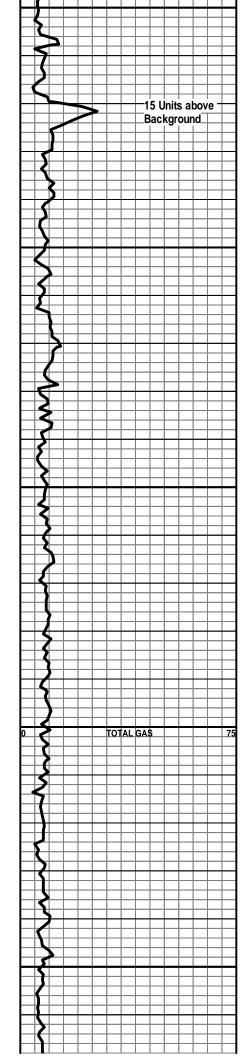


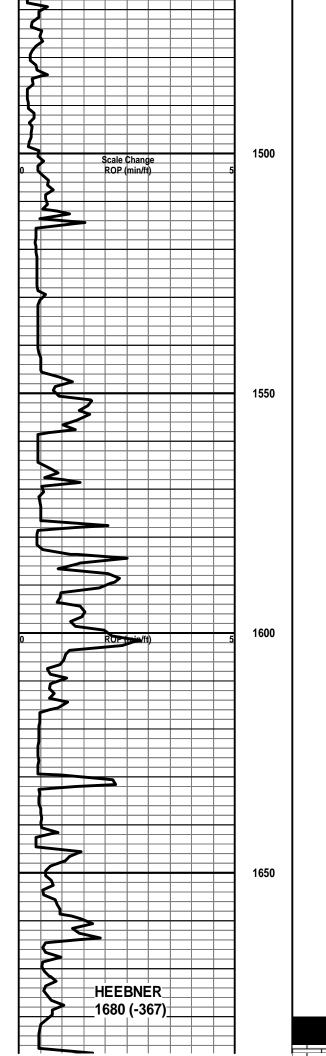


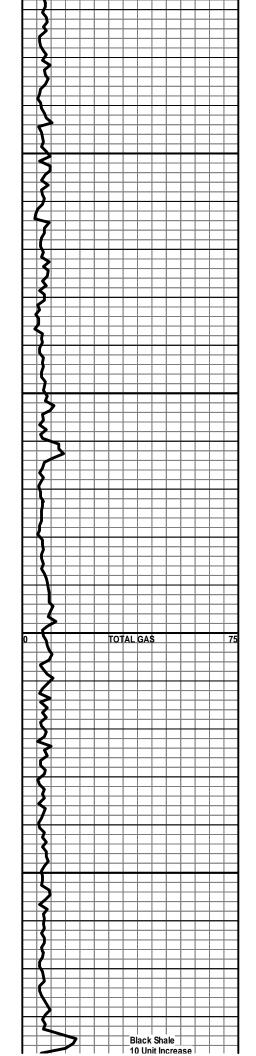


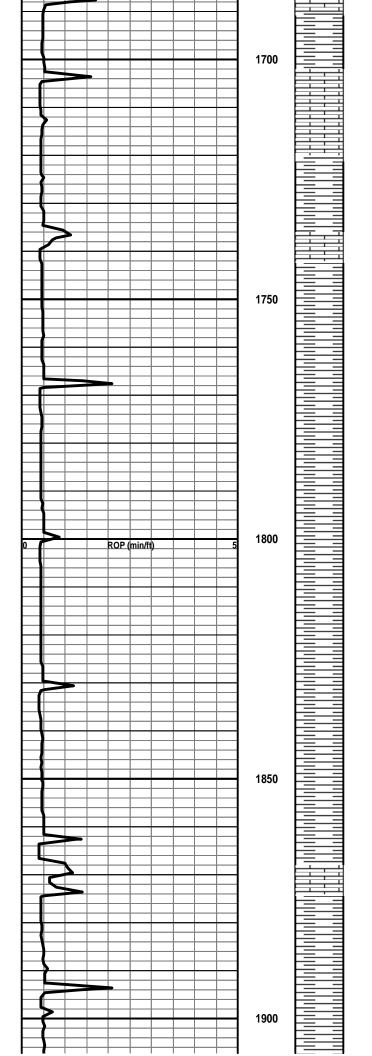


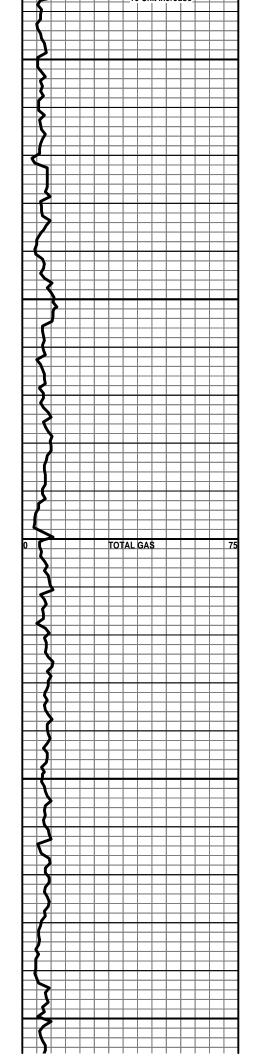


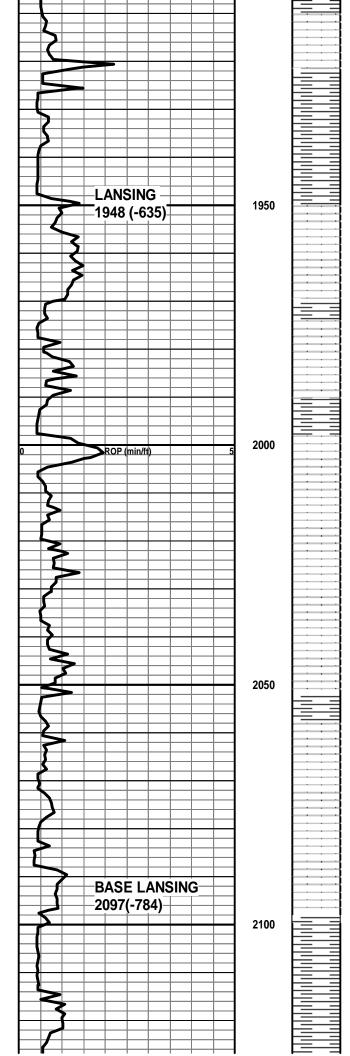


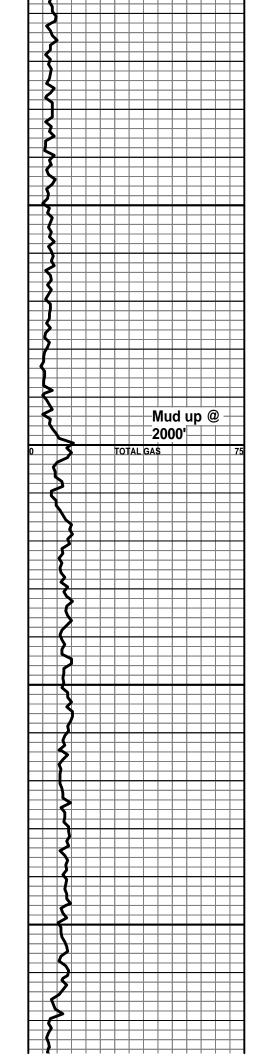


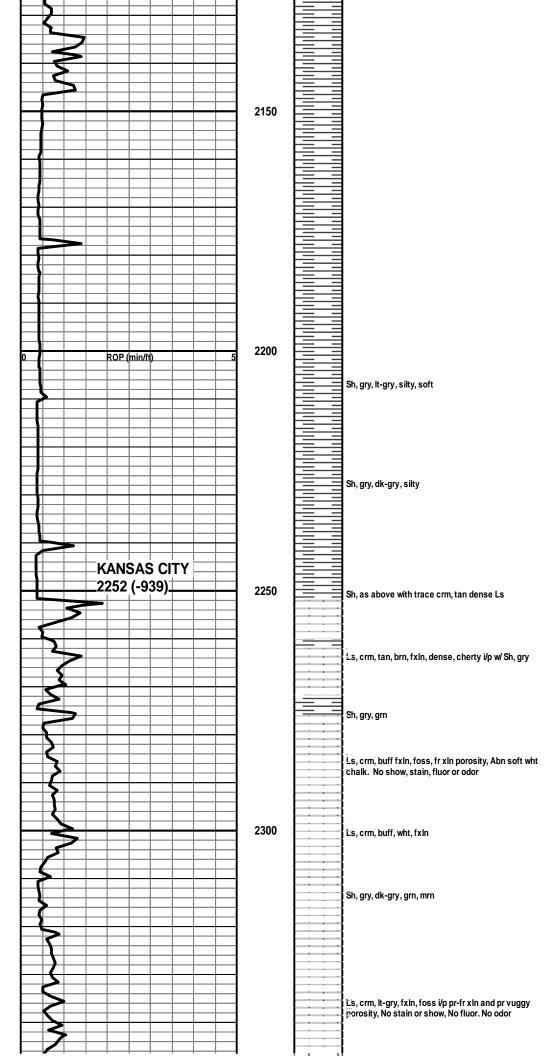


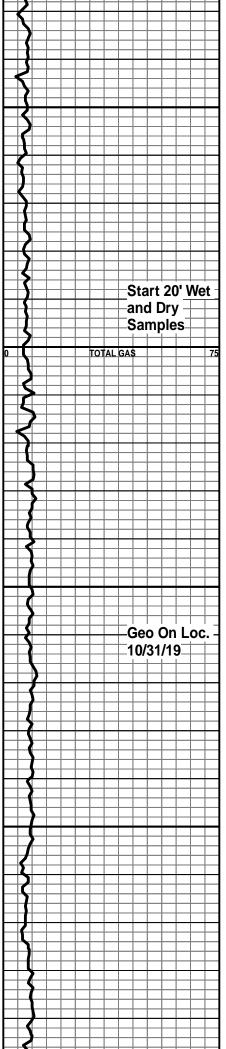


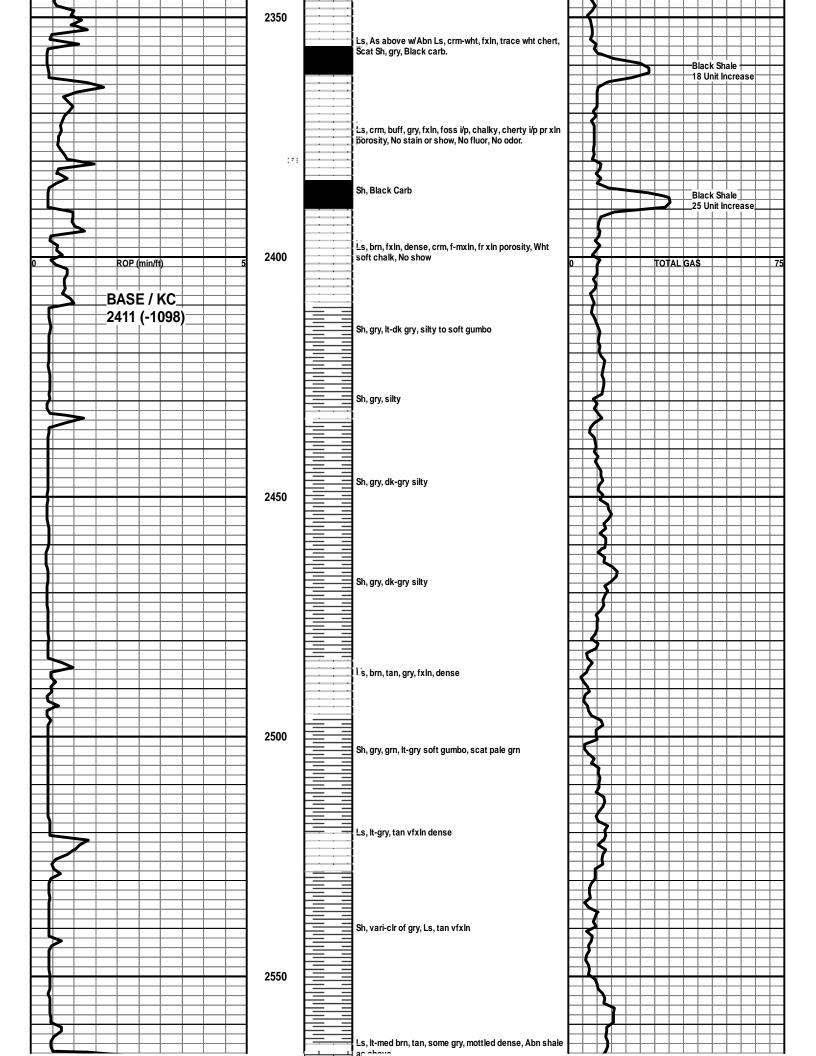


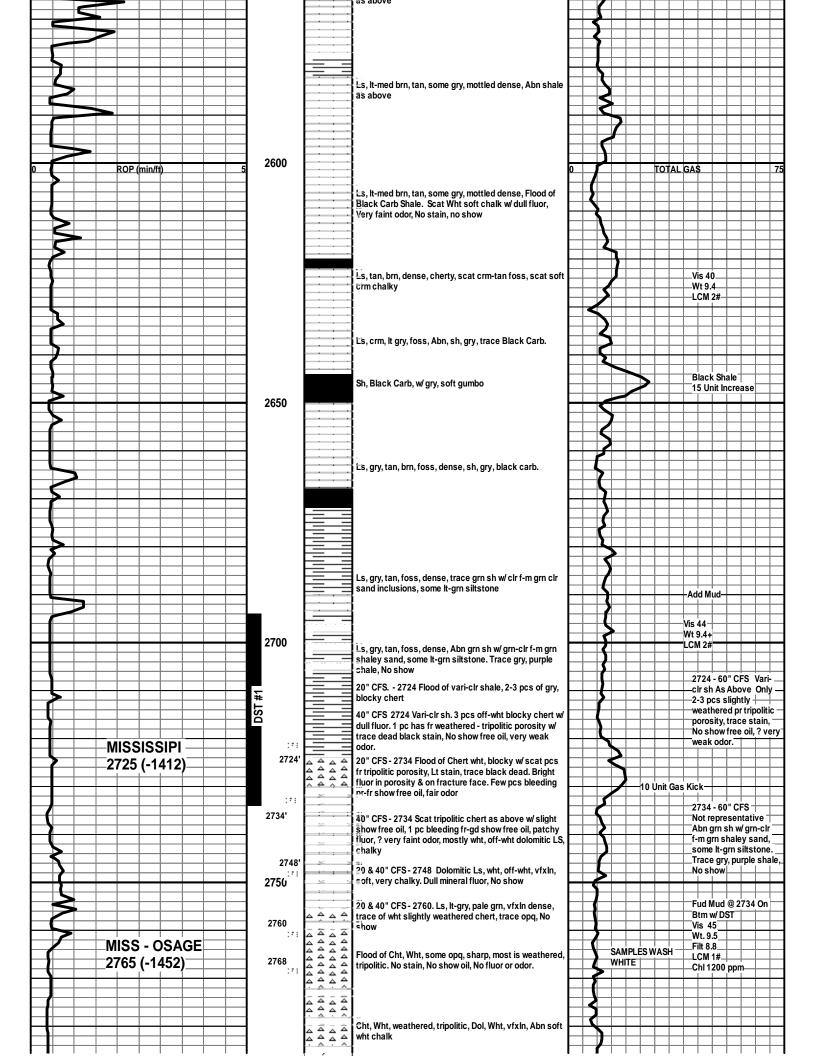












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