

JUSTIN D. CARTER

CONSULTING GEOLOGIST

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

Well Name: BAUMER #66
Location: S/2, S/2, S/2, N/2 Sec. 27 - 11S - 17W Ellis Co, KS
License Number: 15-051-26450-0000
Spud Date: 03/14/13
Surface Coordinates: 2570' FNL & 2640' FEL
Region: Bemis-Shutts
Drilling Completed: 03/19/13

Bottom Hole 1320': 0 DEG, 3645': 3/4 DEG
Coordinates:
Ground Elevation (ft): 2085' K.B. Elevation (ft): 2093'
Logged Interval (ft): 2500' To: 3645' Total Depth (ft): 3645'
Formation: TOPEKA, L/KC, ARBUCKLE
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: CITATION OIL & GAS CORP.
Address: 14077 Cutten Road
Houston, TX 77069
Co. Geo.: Mr. Cameron Wieding

GEOLOGIST

Name: Justin D. Carter
Company: Consulting Geologist
Address: 5945 Westridge Dr.
Great Bend, KS 67530
Home: 620-603-6399, Cell: 620-655-1187

Comments

Drilling Contractor: Duke Drilling Co., Inc. Rig #2
Tool Pusher: Dion Vasquez

8 5/8" surface casing set at 1320'

Mud: Drill Mud
Engineer: Caleb McCool

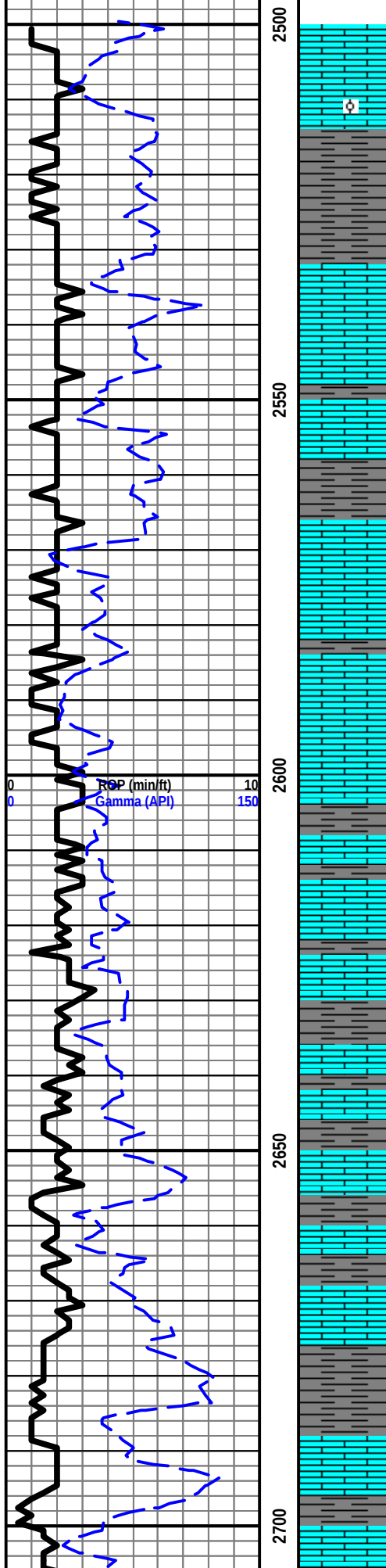
Open-Hole Loggers: Nabors Services Co.

	Anhy		Gyp		Shgy		Sandylms
	Bent		Ign		Sltst		Shale
	Brec		Lmst		Ss		Sltstn
	Cht		Meta		Till		Shlyslts
	Clyst		Mrlst		Carb sh		Sitysh
	Coal		Salt		Dol		Lms
	Congl		Shale		Dtd		
	Dol		Shcol		Gry sh		

FOSSIL	MINERAL	SEDIMENT	SEDIMENT
Fossil	Anhy	Salt	Dol
Algae	Arggrn	Sandy	Grysh
Amph	Arg	Silt	Gryslt
Belm	Bent	Sil	Lms
Bioclst	Bit	Sulphur	Sandy lms
Brach	Breccfrag	Tuff	Sh
Bryozoa	Calc	Chlorite	Siltstn
Cephal	Carb	Dol	
Coral	Chtdk	Sand	TEXTURE
Crin	Chtlt	Silty	Boundst
Echin	Dol	STRINGER	Chalky
Fish	Feldspar	Anhy	Cryxln
Foram	Ferrpel	Arg	Earthy
Fossil	Ferr	Bent	Finexln
Gastro	Glau	Coal	Grainst
Oolite	Gyp	Dol	Lithogr
Ostra	Hvymin	Gyp	Microxln
Pelec	Kaol	Ls	Mudst
Pellet	Marl	Mrst	Packst
Pisolite	Minxln	Siltstrg	Wackst
Plant	Nodule	Ssstrg	
Strom	Phos	Carbsh	
Fuss	Pyr	Clystrn	
Oomold			

INTERVALS
 Core
 Dst

[illegible]



2500

2550

2600

2650

2700

VSMALL SAMPLES, ABDT UPHOLE CUTTINGS

LS- CRM, BRITT, VF-XLN, SUB-SUCRO TO SUCRO MTRX THRU, TR
IMBED OOL, NO FLO, TR MICRO PP POR TO NO VIS POR IP, NS

SH- GY DK GY, SFT, SLTY IP TO LMY IP, BLKY

LS- CRM LT TN, HRD DNS TO BRITT IP, TR RE-XLN MTRX, NO FLO, NO VIS
PORLS- OFF WHT, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP TO TR
SUB-CHLKY, TR IMBED GY SH, NO FLO, NO VIS PORLS- BFF OFF WHT, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR
SUB-SUCRO, NO FLO, NO VIS PORLS- WHT BFF, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR IMBED SH, NO
FLO, NO VIS POR

SH- DK GY GRN, FRM TO SFT IP, LMY IPTO SLTY IP, BLKY

LS- WHT OFF WHT, HRD TO BRITT IP, VF-XLN, SUB-CHLKY MTRX IP TO
SUB-SUCRO IP, NO FLO, NO VIS PORLS- CRM LT TN LT GY, BRITT, VF-XLN, RE-XLN MTRX IP TO TR
SUB-SUCRO, IMBED DK GY SH IP, NO FLO, NO VIS POR

SH- DK GY, FRM, LMY, FISS TO BLKY IP

LS- CRM LT GY, FRM TO BRITT IP, F/VF-XLN, SUCRO MTRX TO
SUB-SUCRO MTRX THRU, IMBED GY SH, NO FLO, TR INTER-XLN POR TO
NO VIS POR IP, NSLS- CRM OFF WHT, BRITT, F-XLN, SUCRO MTRX THRU, NO FLO, FR
INTER-XLN POR THRU, NSLS- LT CRM OFF WHT, BRITT, F-XLN, SUB-SUCRO TO SUCRO MTRX
THRU, NO FLO, PR/FR INTER-XLN POR IP, NS

SH- DK GY GRN, FRM, LMY, BLKY THRU TO TR GMMYSH

LS- CRM WHT, BRITT, VF-XLN, SUB-CHLKY MTRX THRU TO TR RE-XLN,
TR SFT WHT CHLK, NO FLO, NO VIS POR

6:30 P.M. 03/17/13

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DRILL W/ NATIVE
MUD

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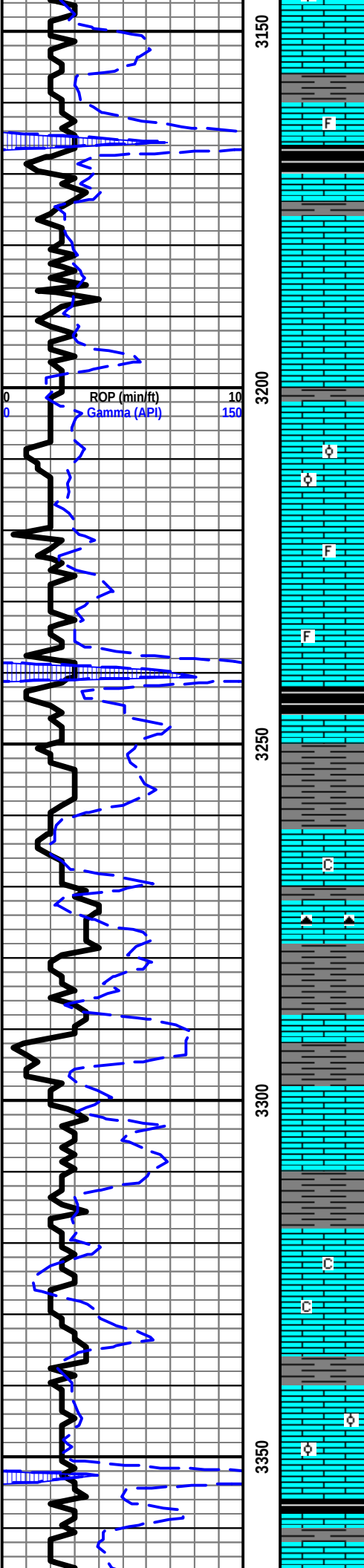
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12:00 A.M. 03/18/13

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LOST CIRCULATION,
DISPLACE HOLE @
2685'

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INTER-OOL POR TO TR INTER-XLN POR, TR DK TN STAIN, NO ODOR

LS- CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR IMBED DK GY FOSS FRAGS, NO FLO, NO VIS POR

LS- CRM, HRD, VF-XLN, RE-XLN MTRX IP, TR FINE CALC XLS, IMBED GY SH, NO FLO, NO VIS POR

LS- LT GY CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- OFF WHT LT GY, HRD, VF-XLN, SUB-CHLKY MTRX IP TO TR RE-XLN, IMBED OOL IP, NO FLO, TR INTER-OOL POR TO NO VIS POR IP, NS

LS- WHT BFF, HRD TO BRITT IP, VF-XLN, SUB-CHLKY MTRX THRU TO TR RE-XLN, IMBED FOSS FRAGS IP, NO FLO, NO VIS POR

LS- GY OFF WHT, HRD, VF-XLN, SUB-CHLKY MTRX IP TO RE-XLN IP, IMBED GY FOSS FRAGS IP, NO FLO, NO VIS POR

HEEBNER 3242' (-1149')

SH- GRN GY, FRM, BLKY, LMY THRU

TORONTO 3262' (-1169')

LS- WHT LT CRM, HRD, VF-XLN, SUB-CHLKY MTRX IP TO TR SUB-SUCRO, TR SFT WHT CHLK, NO FLO, NO VIS POR

LS- WHT BFF, HRD, VF-XLN, SUB-CHLKY MTRX IP TO TR RE-XLN, DK GY CHRT IP, NO FLO, NO VIS POR

L/KC 3287' (-1194')

LS- BFF, HRD DNS, VF-XLN, SUB-CHLKY MTRX IP TO RE-XLN IP, NO FLO, NO VIS POR

LS- LT GY, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO NO VIS POR, 1 SAMPLE W/ TR YEL FLO PR STRM CUT TN STAIN IN 40% NO ODOR, NO VIS POR

SH- DK GY, SFT, BLKY TO GMMY IP

LS- OFF WHT, HRD, VF-XLN, SUB-CHLKY MTRX IP TO RE-XLN IP, TR SFT WHT CHLK, NO FLO, NO VIS POR

LS- GY TN WHT, HRD, VF-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, IMBED OOL IP, BRIT YEL GLD FLO IN 30%, FR FLUSH TO FR FAST STRM CUT, NO VIS POR, FAINT ODOR

WT 8.9
VIS 52
LCM 4#

WT 8.9
VIS 55
LCM 4#

WT 9.0
VIS 50
LCM 2#

WT 9.0
VIS 53

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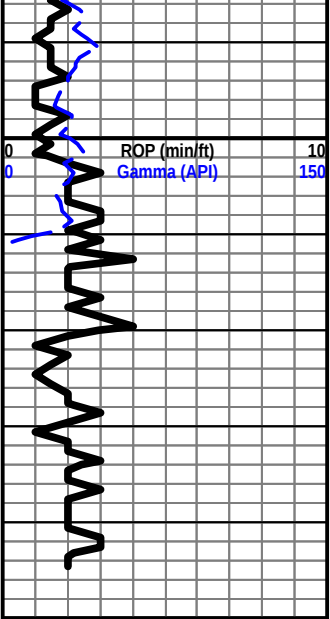
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12:00 A.M. 03/19/13

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 ROP (min/ft) Gamma (API)	3600 3650		DOLO- BFF TN, HRD, MD/F-XLN, RE-XLN MTRX THRU TO TR SUCRO, TR WHT CHRT, TR PYR, SCAT YEL FLO, FR FLUSH CUT, TR OOMLD POR TO PR INTER-XLN POR IP, TR STAIN, FR ODOR DOLO- TN LT TN, HRD, F-XLN, SUCRO MTRX THRU, PYR IP, YEL FLO THRU TO TR BRIT YEL FLO, FR FLUSH CUT, PR TO NO VIS POR THRU, TR STAIN, FR ODOR DOLO- LT TN OFF WHT, HRD, F/VF-XLN, RE-XLN MTRX IP, TR WHT CHRT, DLL YEL FLO IP, PR FLUSH CUT, TR INTER-XLN POR TO NO VIS POR THRU, TR STAIN, FR ODOR DOLO- WHT, HRD, VF-XLN, RE-XLN MTRX IP, TR YEL FLO, NO VIS CUT, NO VIS POR, NO STAIN, FAINT ODOR DOLO- WHT LT TN, HRD, F-XLN, SUCRO MTRX THRU, IMBED OOL IP, TR YEL FLO, NO VIS CUT, TR INTER-OOL POR TO TR INTER-XLN POR, NO STAIN, FAINT ODOR	
R.T.D. 3645'			TD @ 4:30 P.M. 03/19/13	STRAP 3.73' LONG TO BOARD
L.T.D. 3643'			CTCH 1 HR.	
			WIPER TRIP TO SURFACE CASING	
			CTCH 1 HR.	
			TOH FOR LOGS	