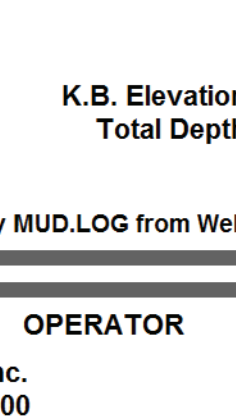


ERICKSON WELLSITE GEOLOGY



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

Well Name: Bemis I #9
Location: SE NW NW Sec 4 T12S R17W
License Number: 426/2013
Surface Coordinates: 420' FNL & 335' FWL
Region: Ellis County, KS
Drilling Completed: 5/4/2013

Bottom Hole Coordinates: 2032 K.B. Elevation (ft): 2043
Ground Elevation (ft): 2032 To: TD Total Depth (ft): 3630
Logged Interval (ft): 2860
Formation:
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: Murfin Drilling Co., Inc.
Address: 250 N Water, Suite 300
Wichita, KS 67202

GEOLOGIST

Name: Clayton Erickson
Company: Erickson WellSite Geology
Address: 402 Palmer Street
P.O. Box 294
Loomis, NE 68958

DSTS

DST #1 3192-3283; 30-60-60-90; Hydro: 1664-1587 IFP: 51-66 ISIP: 119 FFP: 61-71 FSIP: 114; Rec: 60' 3%g 5%o 92%w; BHT: 105 F; IF: 1 1/4" ISI: dead FF: 6 3/4" FSI: dead

DST #2 3274-3331; 30-60-30-60; Hydro: 1683-1638 IFP: 20-33 ISIP: 105 FFP: 27-39 FSIP: 103; Rec: 120' GIP 60' 20%g 40%o 5%w 35%w; BHT: 104; IF: BOB 18min ISI: dead FF: BOB 3min FSI: dead

DST #3 3352-3457; 30-60-30-60; Hydro: 1657-1591 IFP: 21-23 ISIP: 140 FFP: 23-24 FSIP: 63; Rec: 10' mud w/ oil spots; BHT: 99; IF: 1 1/4" ISI: dead FF: dead FSI: dead

DST #4 3453-3508; 30-60-60-60; Hydro: 1707-1661 IFP: 34-44 ISIP: 78 FFP: 45-49 FSIP: 73; Rec: 15' mud w/ scum of oil; BHT: 102; IF: 1 1/2" ISI: dead FF: surface dead in 48min FSI: dead

DST #5 3508-3518; 30-60-60-90; Hydro: 1729-1650 IFP: 24-133 ISIP: 160 FFP: 135-164 FSIP: 176; Rec: 263' 10%g 75%w 15%o 63' 10%g 15%o 40%w 35%w 10' 60%o 25%w 15%w; BHT: 110; RW: .272@71.4F Cht: 2550ppm; F: BOB 11 1/2min ISI: surface FF: 8" FSI: 14"

DST #6 3545-3559; 30-60-30-60; Hydro: 1768-1747 IFP: 26-168 ISIP: 1140 FFP: 177-260 FSIP: 1139; Rec: 60' 10%g 20%o 70%w 203' 10%g 70%o 20%w 419' 20%g 80%o 220' GIP; BHT: 110 Grav: 29; F: BOB 6min ISI: surface FF: BOB 8 1/2min FSI: 1 1/2"

COMMENTS

FORMATION TOPS

Formation	Log Tops	Sample tops
Anhydrite	1255(+788)	1255(+788)
Base Anhy	1290(+753)	1290(+753)
TOPEKA	2962(-919)	2964(-921)
HEEBNER	3192(-1149)	3195(-1152)
LANSING	3234(-1191)	3236(-1193)
Stark	3429(-1386)	3433(-1390)
BKC	3472(-1429)	3474(-1431)
ARBUCKLE	3494(-1451)	3499(-1456)
TD	3630(-1587)	3630(-1587)

Rock Type	Symbol
Anhy	[Orange diagonal lines]
Bent	[Black diagonal lines]
Brc	[Red diagonal lines]
Chc	[Green diagonal lines]
Clyst Carb. shale	[Blue diagonal lines]
Arkose	[Purple diagonal lines]
Dol	[Pink diagonal lines]
Gyp	[Yellow diagonal lines]
Igne	[Red diagonal lines]
Lmst	[Blue diagonal lines]
Meta	[Green diagonal lines]
Mrlst	[Green diagonal lines]
Salt	[White diagonal lines]
Shale	[Blue diagonal lines]
Shcol	[Green diagonal lines]
Shgy	[White diagonal lines]
Silst	[Orange diagonal lines]
Ss	[Yellow diagonal lines]
Till	[Green diagonal lines]

Oil Show	Symbol
Even	[Square]
Spotted	[Square]
Ques	[Square]

Other Symbols	Symbol
Dead	[Square]
Interval	[Square]
Dst	[Square]

