



**Natural Gas • Crude Oil
Exploration & Production**

McCOY PETROLEUM CORPORATION

Wichita, Kansas

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

Well Name: Massier 'B' #1-31

Well Id:

Location: Sec. 31 - T 11S - R 19 W, Ellis County, KS

License Number: API #: 15-051-26708-0000

Region: Ellis 12-20

Spud Date: June 21, 2014

Drilling Completed: June 29, 2014

Surface Coordinates: NW NE SE SW
1155' FSL & 3185' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 2100'

K.B. Elevation (ft): 2105'

Logged Interval (ft): 3000' To: 3837' Total Depth (ft): 3837'

Formation: Arbuckle

Type of Drilling Fluid: Chemical/Polymer/Gel & Mud displacement at 2783'.

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

OPERATOR

Company: McCoy Petroleum Corporation, KCC License #5003

Address: 9342 E. Central
Wichita, KS 67206

GEOLOGIST

Name: Evan Stone & David P. Williams, P.G. KS. #88

Company: McCoy Petroleum Corporation

Address: 9342 E. Central
Wichita, KS 67206

Casing & Deviation Surveys Taken:

Spud at 5:45 pm on 6/21/2014.

Drilled 12-1/4" surface hole to 219'. Ran 5 joints of new 8-5/8" 23# surface casing. Tally 209.68'. Set at 219' KB. Welded straps on casing. Allied cemented with 165 sacks of Common with 2% Gel and 3% CC. Plug down @ 1:00 am on 6/22/2014. Cement did circulate.

Deviation surveys taken: @ 219' = 1/2 degree; @ 3492' = 1 degree;

DSTs

~~DST #1~~ Interval: 3457' - 3492'. Times: 5"-60"-90"-120". Blow: IF=Weak/1/2". No Blow Back During ISIP. FF= Weak Blow/3.5". No Blow Back During FSIP.
 Recovery: 100' MW (20% M & 80% W).
 Pressures: IH=1699#; FH=1653#; IF=13-20#; FF=19-64#; ISIP=522#; FSIP=482#; TEMP.=113 degrees. F.; WTR =27,000 Ppm Chl.; API RW= .213 @ 80 degrees F...

~~DST # 2~~ Interval: 3541' - 3588'. Times: 5"-60"-60"- 60".
 Blow: IF=Weak/1/4". No Blow Back During ISIP. FF= No Blow/Dead Instant. No Blow Back During FSIP.
 Recovery: 1' M (100% M).
 Pressures: IH=1764#; FH=1705#; IF=16-18#; FF=16-17#; ISIP=43#; FSIP=22#; TEMP.=110 degrees. F..

~~DST #3~~ Interval: 3679' - 3722'. Times: 5"- 60"- 90"- 120".
 Blow: IF=Strong BOB/2". Weak Blow Back During ISIP Build/3.5". FF= Strong BOB Blow/2". No Blow Back During FSIP.
 Recovery: 1878" TF: 110' MCGO (5% G, 75% O & 20% M); 1768' GO (25% G & 75% O). No Wtr.
 Pressures: IH=1840#; FH=1746#; IF=133-189#; FF=210-656#; ISIP=1116#; FSIP=797#; TEMP.=114 degrees. F.; API Grv.=36 degrees.

~~DST #4~~ Interval: 3722'-3732'. Times: 5"- 60"- 60"- 60".
 Blow: IF=Weak/1/4". No Blow Back During ISIP. FF=No Blow. No Blow Back During FSIP.
 Recovery: 1' M (100% M)(Plugging Observed).
 Pressures: IH=1866#; FH=1815#; IF=21-111#; FF=62-248#; ISIP =1153#; FSIP =775#; TEMP. =113 degrees. F..

~~DST #5~~ Interval: 3667-3760' (Straddle). Times: 5"-60"- 90"-120". Blow: IF=BOB/2/". Weak Blow Back During ISIP Build/1/4". FF= Strong Blow BOB/3". No Blow Back During FSIP.
 Recovery: 350' GIP & 1518' TF: 110' GOCM (5% G, 35% O & 60% M); 1408' GO (30% G & 70% O). No Wtr.
 Pressures: IH=1909#; FH=1796#; IF=81-125#; FF=198-546#; ISIP=971#; FSIP=833#; TEMP.=118 degrees. F.; API Grv.=36 degrees.

Comments

LEGEND

LITHOLOGY

	Chert
	Dolomite
	Cherty dol
	Grn sh
	Gry shale
	Gypsum
	Limestone
	Cherty ls
	Red shale
	Sandy ls
	Salt
	Shale

	Shale green
	Shale red
	Carb shale
	Siltstone
	Sandstone

MINERAL

	Calcite
	Chert
	Glauconite
	Pyrite
	Sand
	Silt

STRINGER

	Dolomite
	Gypsum
	Limestone
	Shale
	Siltstone
	Sandstone

OIL/GAS SHOW

	Gas show
	Good
	Fair
	Poor

Dead

INTERVAL

	Porosity
	Dst
	New dst
	Dst_alt
	Straddle test tail pipe

Massier 'B' #1-31

ROP (Min/Ft) 
 Gamma (API) 
 Caliper (Inches) 

DEPTH

LITHOLOGY

OIL/GAS SHOWS

SAMPLE DESCRIPTIONS

REMARKS

0 ROP (Min/Ft) 5
 0 Gamma (API) 150
 6 Caliper (Inches) 16

0 ROP (Min/Ft) 5
 0 Gamma (API) 150
 6 Caliper (Inches) 16

3050

3050

McCoy Petroleum Corporation

Massier 'B' #1-31
 NW NE SE SW
 1155' FSL & 3185' FEL
 Sec. 31 - T11S - R19W
 Ellis 12-20 Prospect Area
 Ellis County, KS
 API: 15-051-26708-0000

Murfin Drilling: Rig #24

Elevations: 2105' KB 2100' GL

Geologist: Evan Stone

Geologist on location: 2650' at 6:30 pm on 6/23/2014

Mud displacement at 2783'

Anhydrite sample top @ 1468'
 Base Anhydrite sample top @ 1504'

Begin 10' Sample Examination at 3000'

Limestone: lt gray-tan, fxln, dense, sl chalky, v foss, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray

Limestone: dk gray-lt gray-tan, f-mxln, dense, chalky, v foss, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray, silty

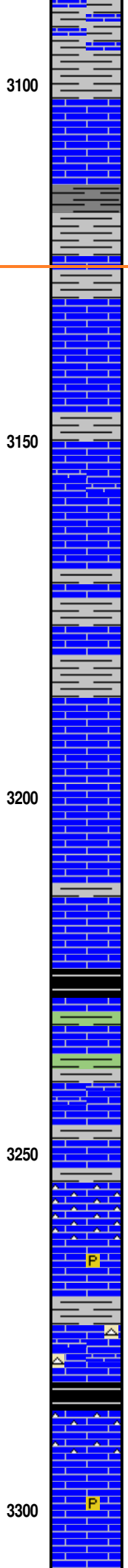
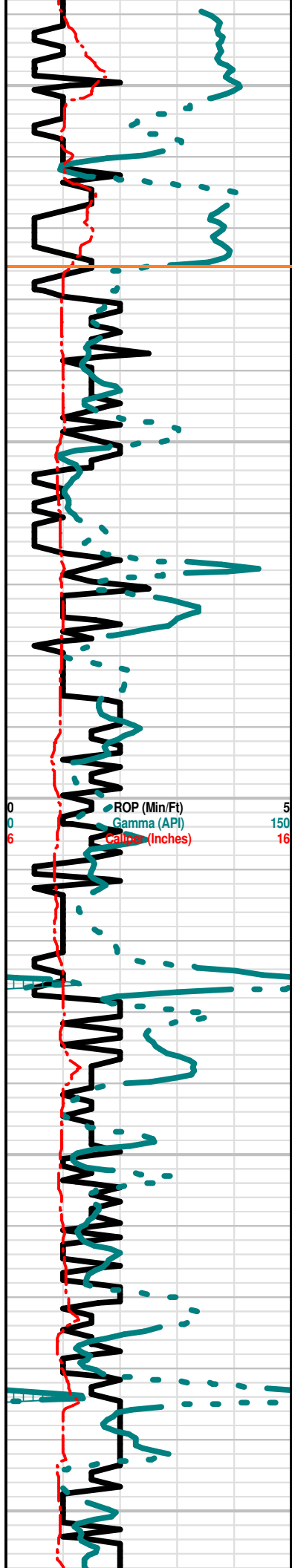
Shale: dk gray, silty; Limestone: lt gray-dk gray, fxln, dense, sl chalky, sl foss, no vis porosity, no stn, no odor, no flor, NS

Limestone: dk gray, mxln, dense, foss, no vis porosity, trc pyrite inclus, no stn, no odor, no flor, NS; Shale: dk gray, silty, pyritic

Shale: dk gray, silty; Limestone: dk gray-lt gray, f-mxln, dense, foss, no vis porosity, no stn, no odor, no flor, NS

Mudco Mud Ck @ 2,253"
 10:35 AM 6/23/2014
 Vis = 28
 WT = 9.4
 PV = 3
 YP = 1
 WL = NA
 Chl = 43,000
 Cal = Hvy
 Sol = 5.3%
 LCM = 0#
 DMC = \$3,381.50
 CMC = \$6,134.25

Mudco Mud Ck @ 3,128"
 9:15 AM 6/24/2014
 Vis = 57



Shale: dk gray-lt gray, v silty; Limestone: as above

Limestone: dk gray-tan, mxln, dense, v foss, no vis porosity, trc pyrite inclus, no stn, no odor, no flor, NS

Limestone: dk gray-tan, f-mxln, dense, sl chalky, foss, no vis porosity, no stn, no odor, no flor, NS

Shale: dk gray- brown, v silty

WI = 8.8
 PV = 17
 YP = 23
 WL= 8.0;
 Cake = 2
 Chl = 2,800
 Cal = 20
 Sol = 3.4%
 LCM = 1#
 DMC = \$641.45
 CMC = \$6,775.70

TOPEKA

3126' (- 1021)

Limestone: gray-tan, fxln, dense, sl chalky, foss, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray-dk green, v silty, trc pyr & calc inclus

Limestone: tan-gray, dolomitic, fxln, dense, chalky, sl foss, trc pp-interxln porosity, no stn, no odor, no flor, NS; Shale: dk gray-dk green-brown, v silty

Limestone: dk gray-lt gray-tan, trc dolomitic, fxln, dense, foss, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray, silty

Limestone: dk gray-tan, f-mxln, dense, v foss, no vis porosity, no stn, no odor, no flor, NS

Limestone: tan-dk gray-brown, fxln, dense, v chalky, foss, mottled-sucrosic, scat pp-interxln porosity, no stn, no odor, no flor, NS; Shale: dk gray-brown, v silty

Limestone: gray-tan-brown, fxln, dense, v chalky, foss, mottled-sucrosic, some granular, trc pp porosity, no stn, no odor, no flor NS; Shale: dk gray-brown, v silty

Limestone: as above; Shale: dk gray-black, carbonaceous

Limestone: dk gray-lt gray-tan, fxln, dense, mottled, sl chalky, foss, no vis porosity, no stn, no odor, no flor, NS; Shale: lt gray-dk gray, v silty

Limestone: cream-gray-tan, fxln, dense, sl mottled, chalky, v foss, no vis porosity, no stn, no odor, no flor, NS; Chert: tan-gray, sharp, opaque, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray, silty, pyrite inclus

Shale: dk gray-dk green-black, silty, pyrite inclus;
 Limestone & Chert as above

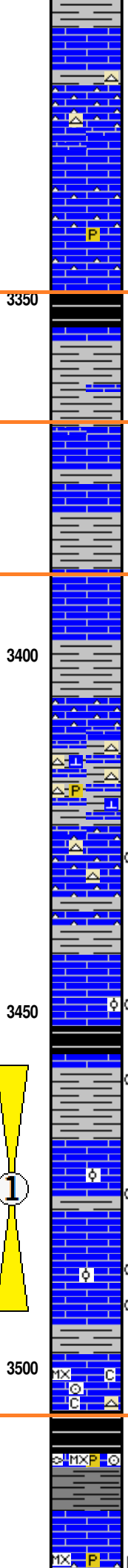
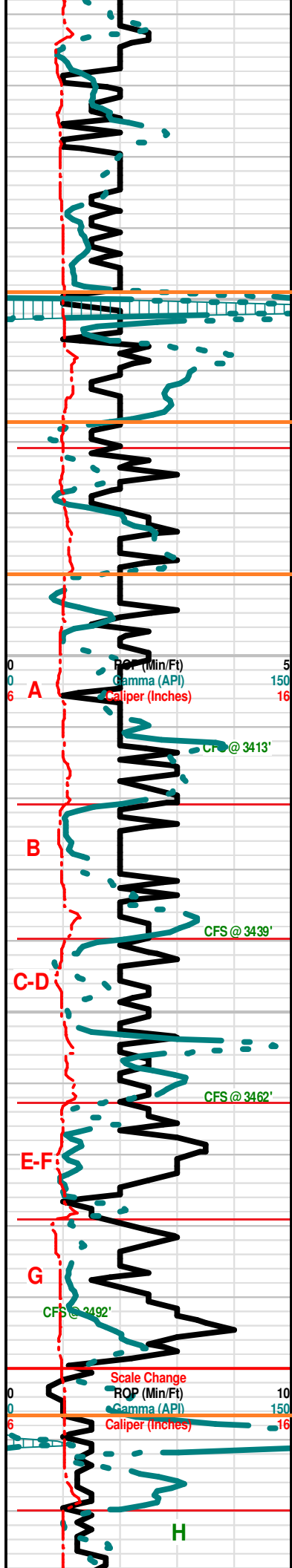
Limestone: cream-dk gray-tan, fxln, dense, cherty, sl chalky, v foss, scat poor interxln porosity, no stn, no odor, no flor, NS

Shale: dk gray-black, carbonaceous, silty, pyrite inclus

Limestone: cream-tan-gray, f-mxln, chalky, foss, mottled, poor

ROP (Min/Ft) 5
 Gamma (API) 150
 Calliper (Inches) 16

3100
3150
3200
3250
3300



pp-interxn porosity, no stn, no odor, no flor, NS; Chert: dk gray-tan, sharp, no vis porosity

Limestone: gray-tan, f-mxln, cherty, foss, mottled- sucrosic, poor interxn porosity, no stn, no odor, no flor, NS; Shale: dk gray-dk green, silty

Limestone: dk gray-tan, fxln, cherty, foss, some sucrosic, no vis porosity, no stn, no odor, no flor, NS; Shale: dk gray-brown-dk red, silty, pyritic

HEEBNER

Shale: dk gray-black, carbonaceous

Shale: dk gray-black-brown, some carbonaceous, silty; Limestone: dk gray-cream-tan, fxln, chalky, sl foss, no vis porosity, no stn, no odor, no flor, NS

TORONTO

Limestone: tan-cream-brown, fxln, chalky, foss, no vis porosity, no stn, no odor, no flor, NS; Shale: lt gray-dk gray, fissil

Shale: lt gray-brown-green, silty, pyritic; Limestone: tan-cream, fxln, sl chalky, foss, some mottled, no vis porosity, no stn, no odor, no flor, NS

LANSING

Limestone: white-cream-tan, fxln, chalky, foss, poor-fair pp-interxn porosity, no stn, no odor, no flor, NS; Shale: brown-gray, silty

20" CFS @ 3413: Limestone: cream-white-gray, fxln, chalky, foss, poor-fair interxn porosity, no stn, no odor, no flor, NS; Chert: tan-gray, sharp, fresh, opaque-translu, no vis porosity

40" CFS @ 3413: Limestone: gray-tan, fxln, dense, foss, poor pp-interxn porosity, no stn, no odor, scat dull yellow flor, NS; Chert: as above; Shale: gray-green, silty

Limestone: tan-gray, fxln, dense, sl chalky, v foss, poor pp porosity, scat foss porosity, no stn, no odor, scat dull yellow flor, NS; Chert: tan-gray, sharp, opaque, dull yellow flor, no stn, no odor, NS; Shale: dk gray, pyrite inclus, trc calcite nodules

20" CFS @ 3439: Limestone: tan-gray, fxln, chalky, foss, mostly poor pp porosity, no stn, no odor, 2 pieces w/ fair-mod pp-interxn porosity, lt brown sat stn, poor-mod flor, SSFO on break, no odor; Chert: tan-gray, sharp, opaque, no stn, no odor, dull yellow flor, NS

40" CFS @ 3439: Shale: dk gray-brown-green, silty; Limestone: tan-gray, fxln, foss, no vis porosity, no stn, no odor, no flor, NS

Limestone: gray-tan, f-mxln, v foss, mottled, some granular, poor-fair pp-interfoss porosity, no stn, no odor, no flor, NS

20" CFS @ 3462: Limestone: dk gray, mxln, dense, v foss, mod-fair interfoss porosity, poor pp-interxn porosity, dk brown sat stn, SSFO on break, trc dull yellow flor, sl odor

40" CFS @ 3462: Limestone: dk gray-tan, f-mxln, dense, v foss, sl chalky, poor-mod pp-interxn porosity, trc foss porosity, scat dk brown stn, VSSFO on break, trc dull yellow flor, no odor; Shale: dk gray-black-green, silty, pyritic

Limestone: tan-cream, fxln, v chalky, foss, some oolitic, mod-fair interxn porosity, scat vuggy porosity, dk brown sat stn, trc black dead oil stn, S-FSFO on break, dull-mod yellow flor, sl odor

20" CFS @ 3492: Limestone: tan-cream-white, fxln, dense, v chalky, v foss, some oolitic, mod-fair pp-interxn porosity, lt brown-dk brown sat stn, FSFO on break, several lt brown oil droplets in tray, mod yellow flor, sl-mod odor

40" CFS @ 3492: Limestone: white-tan, f-mxln, v chalky, foss, oolitic, mod-fair interxn-oolitic porosity, trc lt brown stn, SSFO, dull-mod yellow flor, no odor

David P. Williams P.G., relieved Evan Stone @ 3492': 1:00 PM on 6/25/2014 due to scheduling conflict.

Ls Wht-Tan MicroIn Dns Micrite Cht Tan Op Shp Vit Fos (Crin) Chalky Sh Blk Carb-Gry-Aqua Soft-Fissil No Odor No Stn No Flor NS

Sh Blk Carb-Gry-Aqua Soft-Fissil Ls Wht-Tan-Gry (w/Pyr Includ) MicroIn Dns Micrite Fos (Crin, Fuss) Chalky No Odor No Stn No Flor NS

Ls Wht-Tan-Gry MicroIn-Fxln Dns Micrite Grad Poor Pin-Pt lXln Por (1 Pcs w/Dead Dk-Blk Stn) Cht Gry (w/Fos Wht Includ) Fos (Brach) Pyr Mass Chalky Sh Dk Carb-Gry-Aqua Soft-Fissil No Odor No Stn No Flor NS

3349' (-1244)

3367' (-1262)

3388' (-1283)

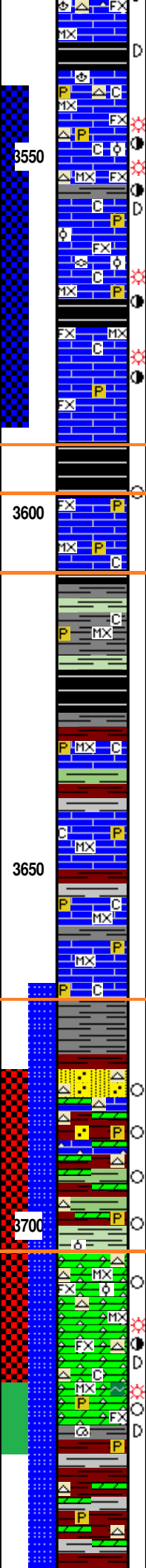
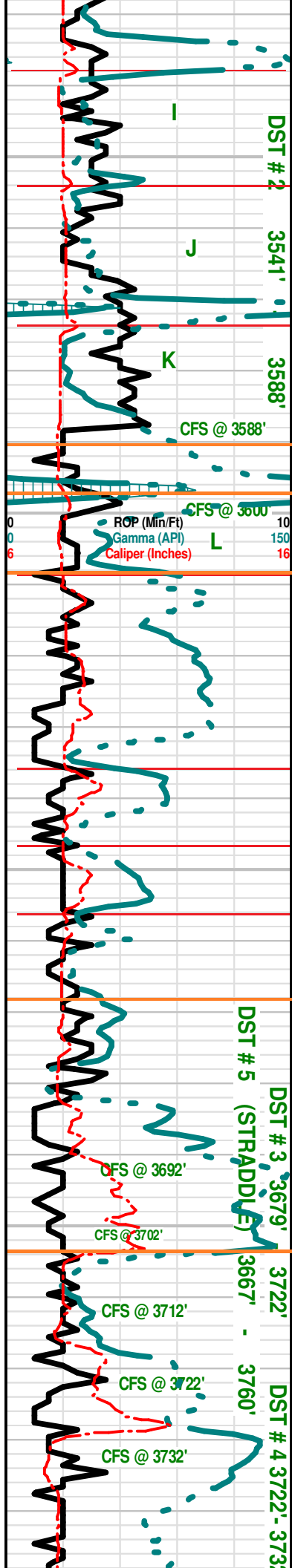
Mudco Mud Ck @ 3,492'
11.00 AM 6/25/2014
Vis = 58
WT = 9.2
PV = 15
YP = 19
WL = 8.8;
Cake = 2
Chl = 3,800
Cal = 20
Sol = 6.2%
LCM = 3#
DMC = \$1,295.45
CMC = \$8,071.15

~DST #1~
Interval: 3457' - 3492'
Blow: IF=Weak/1/2". No Blow Back During ISIP. FF= Weak Blow/3.5". No Blow Back
Times: 5" - 60" - 90" - 120"
recovery: 100 MW (20% M & 80% W).
Pressures:
IH = 1699#;
FH = 1653#;
IF = 13-20#;
FF = 19-64#;
ISIP = 522#;
FSIP = 482#
TEMP. = 113 degrees. F.
WTR = 27,000 Ppm Chl
API RW = .213 @ 80 degrees F.
Survey @ 3492' = 1 degree
Pipe Strap 0.45' LTB

Mudco Mud Ck @ 3,588'
9.20 AM 6/26/2014
Vis = 47
WT = 9.0
PV = 13
YP = 18
Cake = 1
WL = 8.4;
Chl = 4,000
Cal = Tr
Sol = 4.8%
LCM = 3#
DMC = \$17.95
CMC = \$8,089.95

MUNCIE CREEK

3506' (- 1401)



Blk Carb-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Tan-Gry MicroIn Dns Micrite Grad Poor Pin-Pt IxIn Por (1 Pcs w/Dead Drk-Blk Stn) Cht Amber-Tan Fos (Brach) Pyr Mass Chalky Sh Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Tan-Gry MicroIn-FxIn Dns Micrite Grad Poor Pin-Pt IxIn "Salt & Pepper" Por Grad Poor OOL Por Poor InterOOL (w/Small Ooids in pl) Por Poor Dissolu (w/SSG & SSO) Cht Amber-Tan Fos (Fuss) Pyr Mass Chalky Sh Gry Soft-Fissil Fair-Med Odor Lt Brn Stn No Flor SSG & SSO

Ls Wht-Tan MicroIn-FxIn Dns Micrite Grad Poor Pin-Pt "Salt & Pepper" IxIn Por Grad Poor OOL Por Poor InterOOL (w/Small Ooids in pl) Por Poor Dissolu (w/SSG & SFO In Both IxIn & InterOOL Por) Cht Amber-Tan Fos (Fuss) Pyr Mass Chalky Sh Gry Soft-Fissil Med-Good Odor Lt Brn-Blk "Dead" Stn No Flor SSG & SSO

Ls Wht-Tan MicroIn-FxIn Dns Micrite Grad Poor Pin-Pt "Salt & Pepper" IxIn Por Grad Poor OOL Por Poor InterOOL (w/Small Ooids in pl) Por Poor-Fair Dissolu (w/SG & SFO In Both IxIn & InterOOL Por) Gas & Oil Do Not Flor Cht Amber-Tan Fos (Fuss) Pyr Mass Chalk Sh Gry Soft-Fissil Med-Good Odor Lt Brn Stn No Flor SG & SSO

30" CFS @ 3588' Ls Wht-Tan AA FxIn Pin-Pt IxIn Por (w/SG & SO) Chalky Pyr Mass Sh Blk Carb Fissil Med-Good Odor No Flor Lt Brn-Drk Blk Stn SG & SO

60" CFS @ 3588' Sh Blk Carb Fissil Ls Wht-Tan AA FxIn Pin-Pt IxIn Por (w/SG & SO) Pyr Mass Chalky Med-Good Odor No Flor Lt Brn-Drk Blk Stn SG & SO

30" CFS @ 3600' Sh Blk Carb Fissil Ls Wht-Tan FxIn Pin-Pt IxIn Por (w/1 Pc w/SG & SO) Pyr Mass Chalky No Odor No Flor No Stn NS

60" CFS @ 3600' Sh Blk Carb Fissil Ls Wht-Tan FxIn Pin-Pt IxIn Por Barreb Pyr Mass Chalky No Odor No Flor No Stn NS

Ls Wht-Tan MicroIn-FxIn Dns Micrite Pyr Mass Chalk Sh Sh Blk Carb-Gry-Aqua Soft-Fissil No Odor No Flor No Stn NS

Sh Blk Carb-Gry-Aqua Fissil Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk Sh Gry Soft-Fissil No Odor No Flor No Stn NS

Sh Blk Carb-Gry-Aqua Fissil Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk Sh Gry Soft-Fissil No Odor No Flor No Stn NS

Sh Red-Maroon-Gry-Aqua Fissil Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk Sh Gry Soft-Fissil No Odor No Flor No Stn NS

Sh Red-Maroon-Gry-Aqua Fissil Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk No Odor No Flor No Stn NS

Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk Sh Sh Red-Gry-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Wht-Tan MicroIn Dns Micrite Poor IxIn Por Pyr Mass Chalk Sh Sh Red-Gry-Aqua Soft-Fissil No Odor No Flor No Stn NS

Ls Wht MicroIn-FxIn Dns Micrite Grad /Dolo Wht Poor Sucrosic IxIn Por Chalky Sh Aqua-Gm/Gry Fissil No Odor No Stn No Flor NS

30" CFS @ 3692' Sh Red- Aqua-Gm/Gry Fissil (Wash Red) Cht Varicolored Peach-Org-Tan-Wht Op (w/Ooids in pl) Shp Qtz Ss Tan-Lt Brn Sub Ang Well Sort Lg-Small (w/? Lt Brn Stn) Dolo Tan-Lt Brn FxIn (w/Small Ooids in pl) CaCO3 Cmt Matrix Pry Mass No Odor ? Sli Stn No Flor Sli Lt Brn Stn No Odor No Flor SSO

60" CFS @ 3692' Sh Red Aqua-Gm/Gry Fissil (Wash Red) Dolo Tan-Lt Brn Poor-Fair IxIn Sucrosic Por Qtz Ss Tan-Lt Brn Sub Ang Well Sort Lg-Small (w/? Lt Brn Stn) Cht AA Varicolored AA No Odor ? Lt Brn Stn No Flor NS

60" CFS @ 3702' Sh Red Aqua-Gm/Gry Fissil (Wash Red) Dolo Tan-Lt Brn Poor-Fair IxIn Sucrosic Por Qtz Ss Tan-Lt Brn Sub Ang Well Sort Lg-Small (w/? Lt Brn Stn) Cht AA Varicolored AA No Odor ? Lt Brn Stn No Flor NS

60" CFS @ 3712' Dolo Wht MicroIn-FxIn Dns Micrite Grad Poor Sucrosic Por Cht Peach-Tan (w/Ooids in pl) Op Shp (w/1 Pc ? SSO in Poor Vug Por w/Fair Leaching) Sh Aqua-Red-Gry Soft-Fissil (Wash Red (Dec) ? Lt Brn Stn ? Sli Flor ? Sli Faint Odor NS

60" CFS @ 3722' Dolo Wht-Lt Tan (w/Tr Pyr Includ) FxIn Dns Micrite Grad Poor-Fair Sucrosic Por (w/ Poor-Fair Drk Blk "Dead" Stn w/SSG-5 Pcs) Cht Wht-Tan-Peach-Org Translu-Op Shp Vit Chalky Sh Aqua-Red-Gry Soft-Fissil ? Lt Brn Stn Sli Flor (Lt Grn) SSG & "Dead" SSO Fair Odor

60" CFS @ 3732' Sh Aqua-(Abd)-Gry-Red (Wash Red) Soft-Fissil Dolo Wht-Lt Tan (w/Tr Pyr Includ) MicroIn-FxIn Dns Micrite (w/Glacu Includ) Grad Poor-Fair Sucrosic Por (w/Tr Fair Vug Leaching (3 Pcs) w/Poor Drk Blk "Dead" Stn w/SSG) Cht Wht-Tan-Org AA Translu-Op Shp Vit Fos (Pyr Gastro) ? Lt Brn Stn Med Flor (Lt Grn) SSG & "Dead" SSO No Odor

Sh Varicolored Red (Abd) (Wash Red)-Aqua-Gry Soft-Fissil Dolo Wht-Tan (w/Pyr Includ) Dns Micrite Cht Peach-Org (w/Ooid Includ) Translu-Op Shp Vit No Odor No Flor No Stn NS

~~DST #2~~
Interval: 3541' - 3588'.
Times: 5" - 60" - 60" - 60".
Blow: IF=Weak/1/4". No Blow Back During ISIP. FF= No Blow/Dead Instant. No Blow Back During FSIP.
Recovery: 1' M (100% M).
Pressures:
IH = 1764#;
FH = 1705#;
IF = 16-18#;
FF = 16-17#;
ISIP = 43#;
FSIP = 22#;
TEMP. = 110 degrees. F.

STARK SHALE
3590' (- 1485)

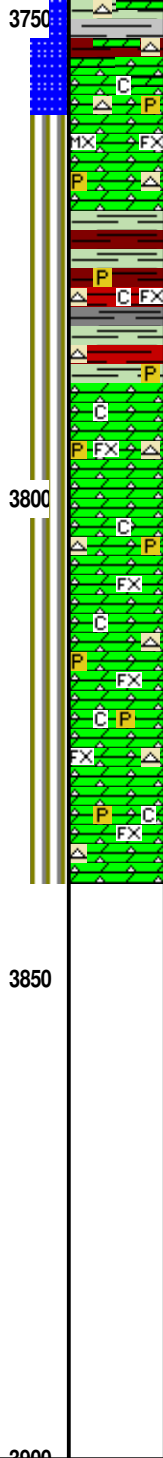
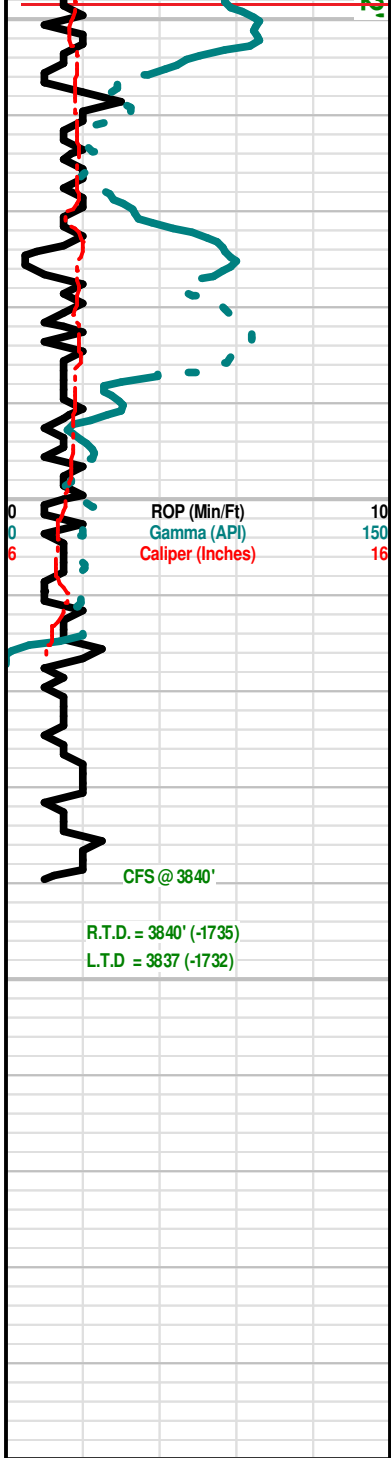
BASE KANSAS CITY
3608' (- 1503)

Mudco Mud Ck @ 3,722'
8:35 AM 6/27/2014
Vis = 60
WT = 9.0
PV = 14
YP = 31
Cake = 1
WL = 8.0;
Chl = 3,700
Cal = Tr
Sol = 4.8%
LCM = 3#
DMC = \$1,633.45
CMC = \$9,752.55

CONGLOMERATE
3668' (- 1563)

ARBUCKLE
3704' (- 1799)

~~DST #3~~
Interval: 3679' - 3722'.
Times: 5" - 60" - 90" - 120".
Blow: IF=Strong BOB/2". Weak Blow Back During ISIP Build/3.5". FF= Strong BOB Blow/2". No Blow Back During FSIP.
Recovery: 1878" TF: 110' MCGO (5% G, 75% O & 20% M); 1768" GO (25% G & 75% O). No Wir.
Pressures:
IH = 1840#;
FH = 1746#;
IF = 133-189#;
FF = 210-656#;
ISIP = 1116#;
FSIP = 797#
TEMP. = 114 degrees. F.;
API Grv. = 36 dearecs.



Sh Varicolored Red (Abd) (Wash Red)-Aqua-Gry Soft-Fissil Dolo
 Wht -Tan (w/Pyr Includ) Dns Micrite Cht Wht- Peach-Org (w/OOid
 Includ) Translu-Op Shp Vit Pyr Mass Chalky No Odor No Flor No
 Stn NS

Dolo Wht-Lt Tan Microxln-Fxln Dns Micrite Grad Poor-Fair Ixln
 Sucrosic Por Barren Cht AA Varicolored Pyr Mass Sh Red (Wash
 Red-Aqua AA (Dec) No Odor No Stn No flor NS

Dolo Wht-Lt Tan Microxln-Fxln Dns Micrite Grad Poor-Fair Ixln
 Sucrosic Por Barren Cht AA Varicolored Pyr Mass Sh Red (Wash
 Red-Aqua AA (Dec) No Odor No Stn No flor NS

Dolo Wht-Lt Tan Microxln-Fxln Dns Micrite Grad Poor-Fair Ixln
 Sucrosic Por Barren Cht AA Varicolored Pyr Mass Sh Red (Wash
 Red-Aqua AA (Dec) No Odor No Stn No flor NS

Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic Por (w/Lg Vug Por)
 Barren Cht AA Varicolored Pyr Mass Sh Red-Aqua AA (Dec-Tr Only) No Odor No
 Stn No flor NS

Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic Por (w/Lg Vug Por)
 Barren Cht Varicolored Red-Peac-Wht Pyr Mass Sh Red-Aqua AA (Dec-Tr Only)
 No Odor No Stn No flor NS

Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic Por (w/Lg Vug Por)
 Barren Cht Varicolored Red-Peac-Wht Pyr Mass Sh Red-Aqua AA (Dec-Tr Only)
 No Odor No Stn No flor NS

30" CFS @ 3840' Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic
 Por (w/Lg Vug Por) Barren Cht Varicolored Red-Peac-Wht Pyr Mass Sh Red-Aqua
 AA (Dec-Tr Only) No Odor No Stn No flor NS

60" CFS @ 3840' Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic
 Por (w/Lg Vug Por) Barren Cht Varicolored Red-Peac-Wht Pyr Mass Sh Red-Aqua
 AA (Dec-Tr Only) No Odor No Stn No flor NS

90" CFS @ 3840' Dolo Wht-Lt Tan Fxln Dns Micrite Grad Poor-Fair Ixln Sucrosic
 Por (w/Lg Vug Por) Barren Cht Varicolored Red-Peac-Wht Pyr Mass Sh Red-Aqua
 AA (Dec-Tr Only) No Odor No Stn No flor NS

Electric Logs Run: By Pioneer Logging: Dual Induction;
 Compensated Density-Neutron; & Microresistivity Logs.

Geologist Left Location at : M on 06//2014

~DST # 4~
 Interval: 3722' - 3732'.
 Times: 5" - 60" - 60" - 60".
 Blow: IF=Weak/1/4". No Blow Back During
 ISIP. FF= No Blow. No Blow Back During
 FSIP.
 Recovery: 1' M (100% M).(Plugging
 Observed).
 Pressures:
 IH = 1866#;
 FH= = 1815#;
 IF = 21-11 1#;;
 FF = 62-248#;
 ISIP = 1153#;
 FSIP = 775#
 TEMP. = 113 degrees. F.
 Mudco Mud Ck @ 3,762"
 8:00 AM 6/28/2014
 Vis = 59
 WT = 9.1
 PV = 14
 YP = 27
 Cake = 1
 WL = 8.0;
 Chl = 3,900
 Cal = Tr
 Sol = 4.8%
 LCM = 5#
 DMC = \$922.45
 CMC = \$10,675.00

~DST # 5~
 Interval: 3667-3760'(Straddle).
 Times: 5" - 60" - 90" - 120".
 Blow: IF=BOB/2". Weak Blow
 Back During ISIP Build/1/4". FF=
 Strong Blow BOB/3". No Blow
 Back During FSIP.
 Recovery: 350' GIP & 1518' TF:
 110' GOCM (5% G, 35% O & 60%
 M); 1408' GO (30% G & 70% O). No
 Wtr.
 Pressures:
 IH = 1909#;
 FH= = 1796#;
 IF = 81-125#;
 FF = 198-546#;
 ISIP = 971#;
 FSIP = 833#
 TEMP. = 118 degrees. F.;
 API Grv. = 36 degrees.