



Scale 1:240 Imperial

Well Name: Buster #2-3
 Surface Location: 330' FSL, 2310' FWL Sec. 3-22S-16W
 Bottom Location:
 API: 15-145-21803-00-00
 License Number:
 Spud Date: 4/14/2015 Time: 8:00 PM
 Region: Pawnee County
 Drilling Completed: 4/19/2015 Time: 8:55 AM
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 1992.00ft
 K.B. Elevation: 2005.00ft
 Logged Interval: 3200.00ft To: 4110.00ft
 Total Depth: 4100.00ft
 Formation: Simp/Cong Sand
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC
 Address: 445 Union Blvd, Suite 208
 Lakewood, CO 80228
 Contact Geologist: Janine Sturdavant
 Contact Phone Nbr: 303-907-2209 / 720-274-4682
 Well Name: Buster #2-3
 Location: 330' FSL, 2310' FWL Sec. 3-22S-16W API: 15-145-21803-00-00
 Pool: Zook Field:
 State: Kansas Country: USA

LOGGED BY



Company: Shelby Resources, LLC
 Address: 445 UNION BLVD. Suite 208
 LAKEWOOD, CO. 80228
 Phone Nbr: 203-671-6034
 Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC Buster #2-3 was drilled to a total depth of 4110', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

1 DST was conducted. The reports can be found at the bottom of this log.

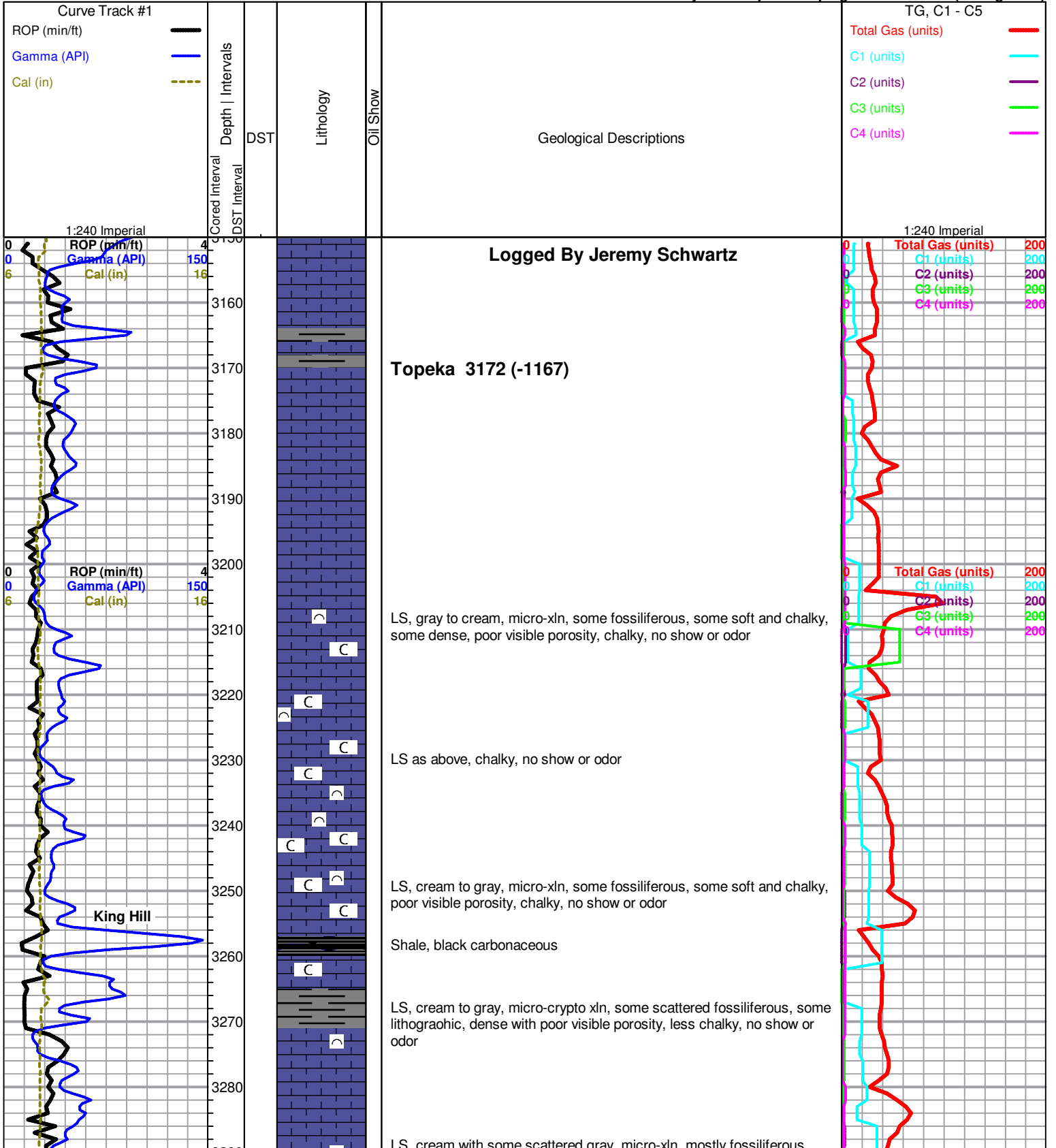
Due to the DST results, gas kicks, sample shows, and log analysis, it was determined by all consenting parties to plug and abandon the well. The dry samples were saved and will be available for further review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

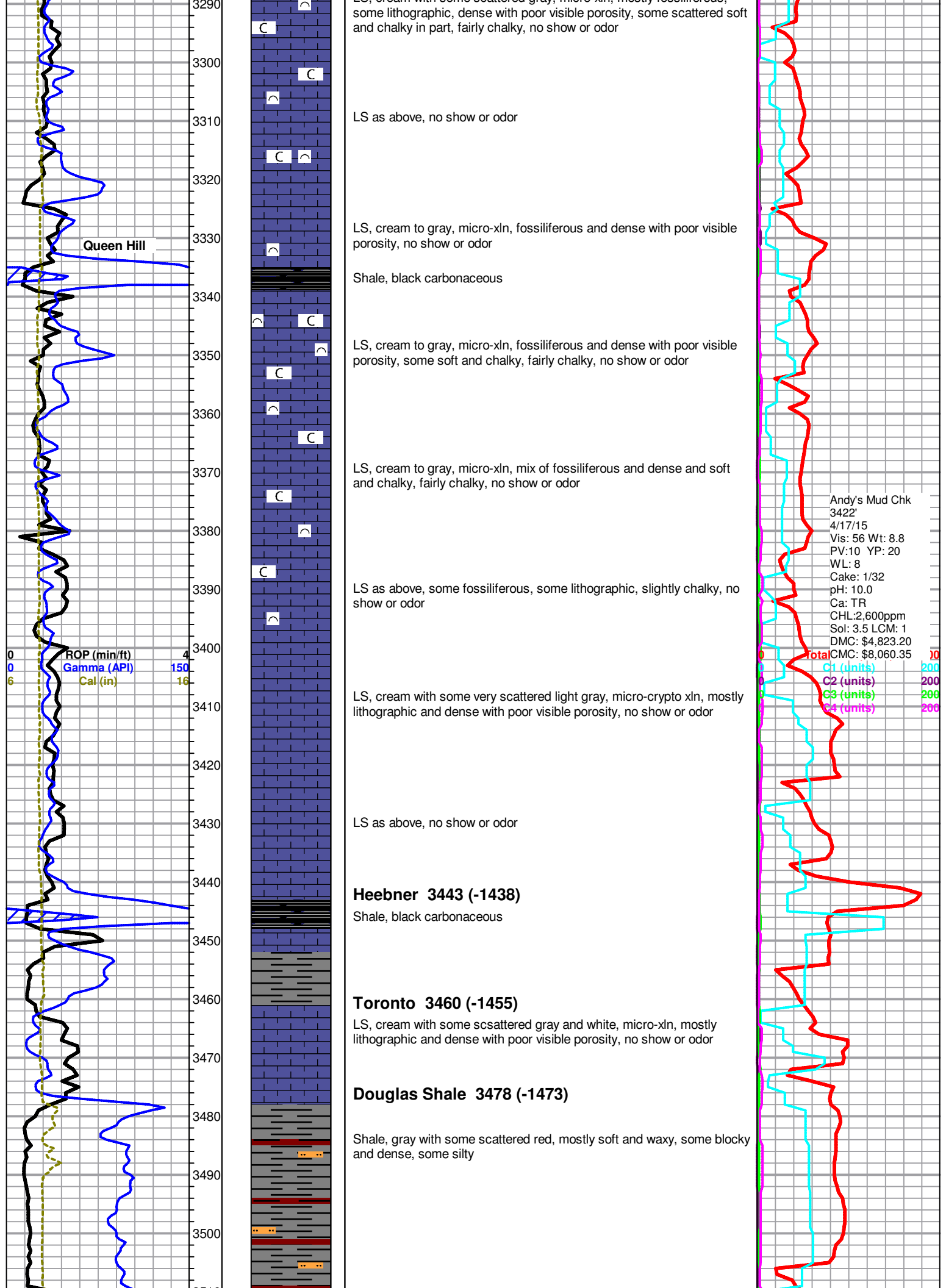
Respectfully Submitted,
Jeremy Schwartz
Geologist

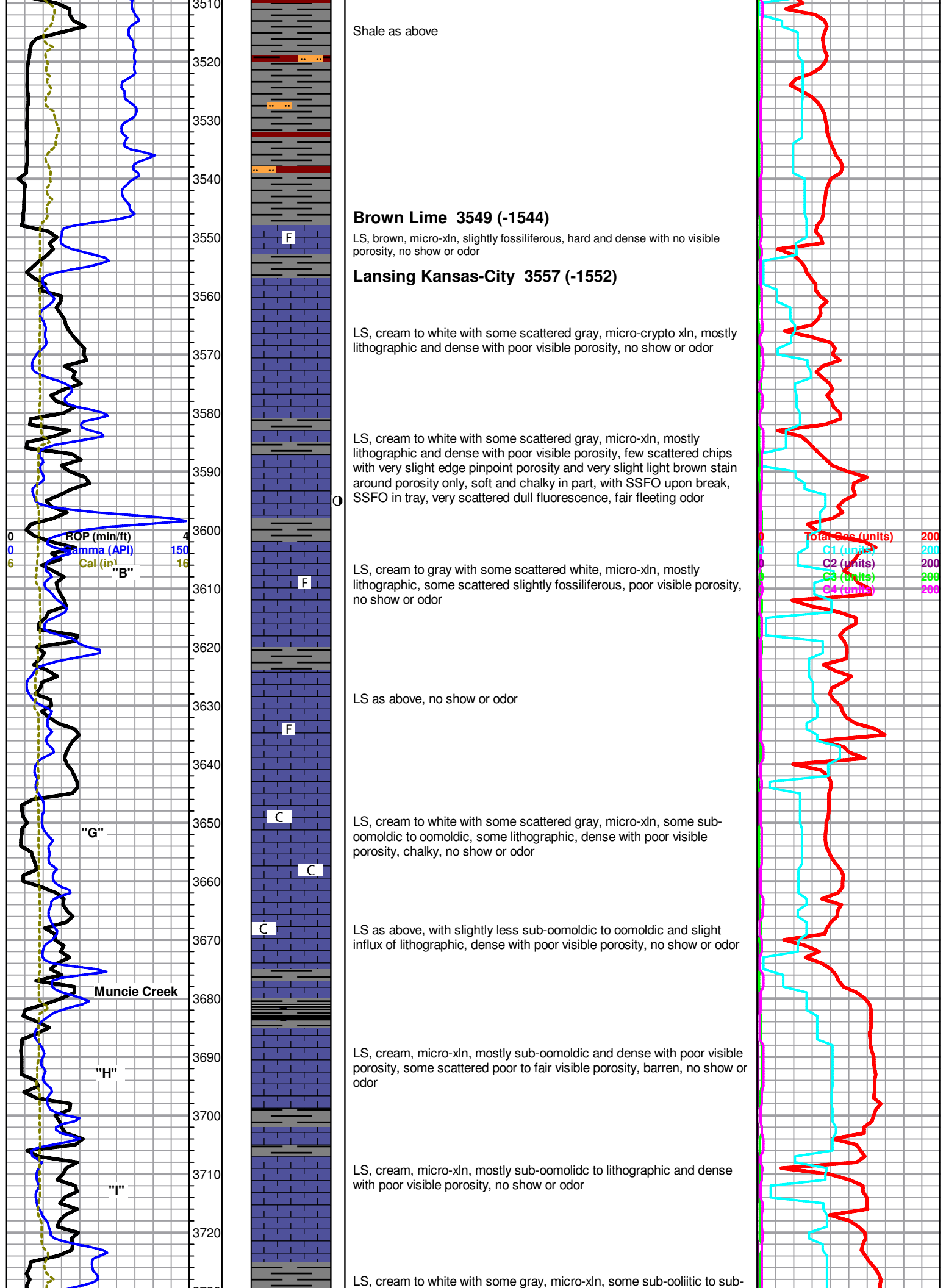
CONTRACTOR

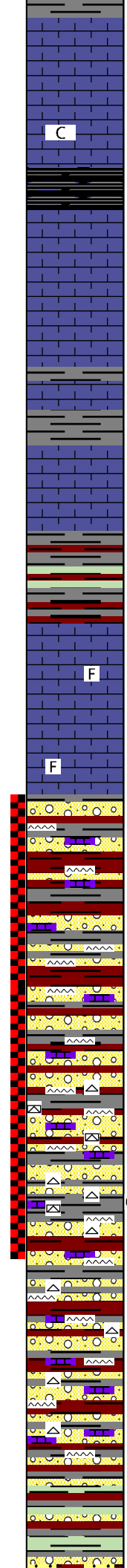
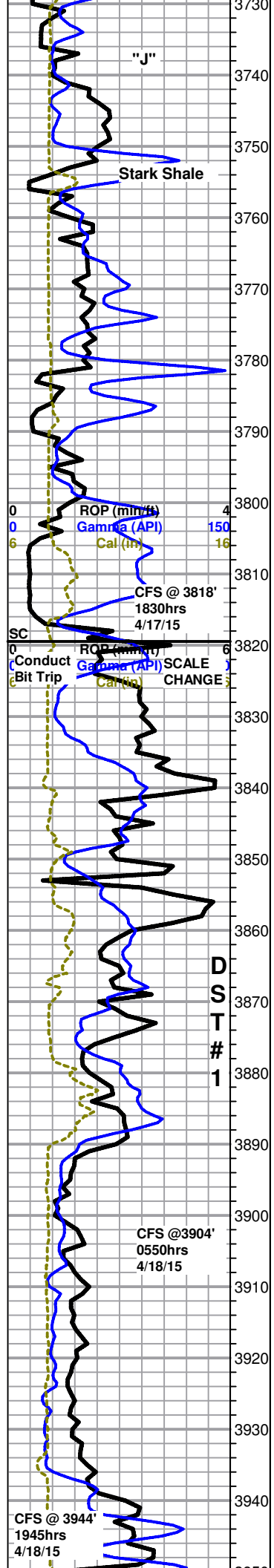
Contractor: Sterling Drilling Co
 Rig #: 5
 Rig Type: mud rotary
 Spud Date: 4/14/2015 Time: 8:00 PM
 TD Date: 4/19/2015 Time: 8:55 AM

- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt









oomoldic, some scattered with poor to fair visible porosity, barren, also with some lithographic, dense with poor visible porosity, no show or odor

LS as above, with influx of white lithographic, some soft and chalky in part, no show or odor

LS, cream to white with some scattered gray, micro-crypto xln, mostly lithographic and dense with poor visible porosity, some very scattered sub-oomoldic, dense and barren with poor visible porosity, no show or odor

LS as above, no show or odor

BKC 3804 (-1799)
Shale, mostly gray and red with trace green

Marmaton 3817 (-1812)
LS, mostly cream to off white with some light gray and trace pale green, micro-crypto xln, lithographic and dense with poor visible porosity, no show or odor

LS as above, also with some scattered slightly fossiliferous and very scattered sub-oolitic to sub-oomoldic, dense and barren with poor visible porosity, no show or odor

Conglomerate 3842 (-1837)
Mixed cream to gray LS with trace pale green as above, with influx gray shale with some red and trace green, with some scattered tan to orange chert, sharp and vitreous, slight red wash, no show or odor

Conglomerate as above, no show or odor, heavy red wash

Buster 2-3 DST #1.jpg

3904' 30" Conglomerate with some scattered cream to white chert, mostly sub-rounded edges, tripolitic with fair visible porosity, few chips with several small vugs and good visible porosity, with mostly saturated to saturated dark brown stain, with trace very fine sub-rounded quartz grains in bottom of tray, SSFO in tray, poor fleeting odor in cup

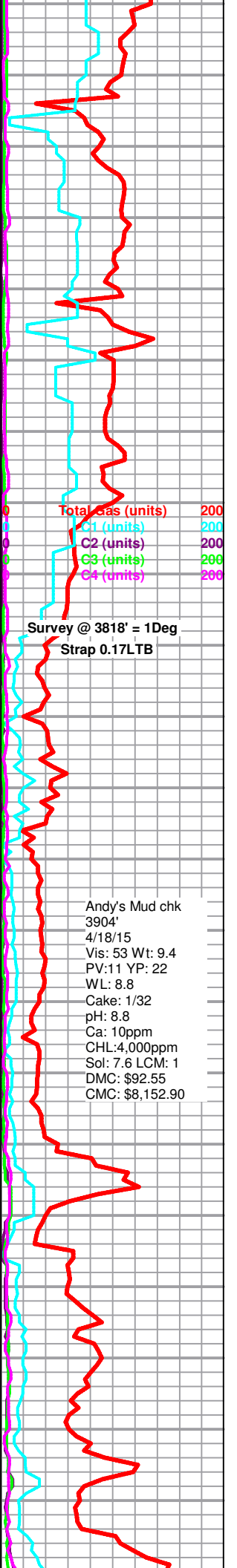
3904' 60" Conglomerate and tripolitic chert as above, VSSFO in tray, no odor

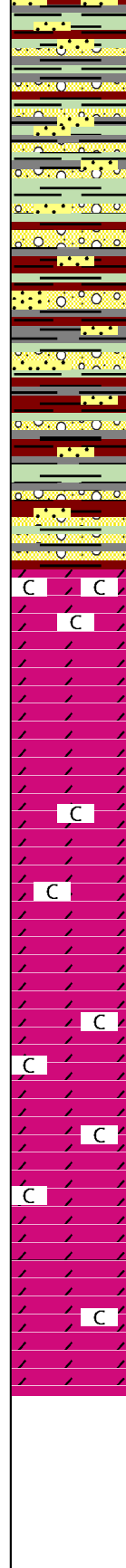
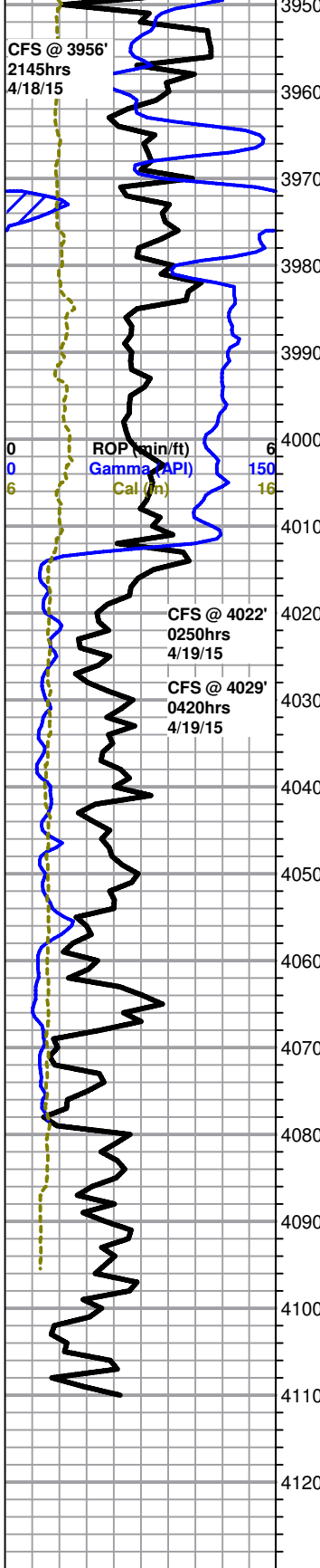
Mixed cream to gray with trace pale green LS, gray and red shale, and tan to brown and yellow to off white cherts, some with tripolitic edges and brown to black stain around porosity only, NSFO, no odor

3944' 30" Conglomerate with slight influx white to off white and some scattered yellow cherts, weathered and dense with sub-rounded edges, no visible porosity, some scattered tripolitic to tripolitic edges with scattered stain and slight show gas bubbles in porosity, NSFO, no odor

3944' 60" Conglomerate as above, NSFO, no odor

3956' 30" Mixed LS, shales, and cherts, with slight influx green shale, with abundant loose quartz SS grains in bottom of tray, f-med grained, clear to orange, sub-rounded to rounded, NSFO, heavy red wash, poor





3950' 60" Mostly same as above, with noticeably less SS grains in bottom of tray, NSFO, no odor

3960' 60" Mixed LS, shales, and cherts, with abundant red clay, with some scattered SS clusters, fine grained, clear, sub-rounded and well sorted, fairly friable, with SSFO upon break, some clay filled, NSFO in tray, heavy red wash, no odor

3970' 60" Conglomerate with some scattered SS clusters as above, some clear and barren, some with very scattered dead black gilsonitic stain, NSFO, heavy red wash, no odor

3980' 60" As above, red wash, no show or odor

3990' 60" Conglomerate, with SS clusters appearing to be dropping out, also with slight influx of green shale and gray clay, no show or odor

Arbuckle 4015 (-2010)

4022' 30" Dolomite, cream, micro-xln, sucrosic and dense with poor visible porosity, some very scattered slight sub-rhombic development on some scattered chips, dense and barren, very chalky, NSFO, no odor

4022' 60" Mostly same as above, no show or odor

4029' 30" Dolomite, cream, micro-xln, sucrosic and dense with poor visible porosity, some very scattered slight sub-rhombic development, trace sub-oomoldic, barren and dense, NSFO, no odor

4029' 60" Mostly same as above, no show or odor

4040' 60" Dolomite, cream, micro-xln, sucrosic and dense with poor visible porosity, some scattered sub-rhombic development, slightly chalky, no show or odor

4050' 60" Dolomite as above, slightly chalky, no show or odor

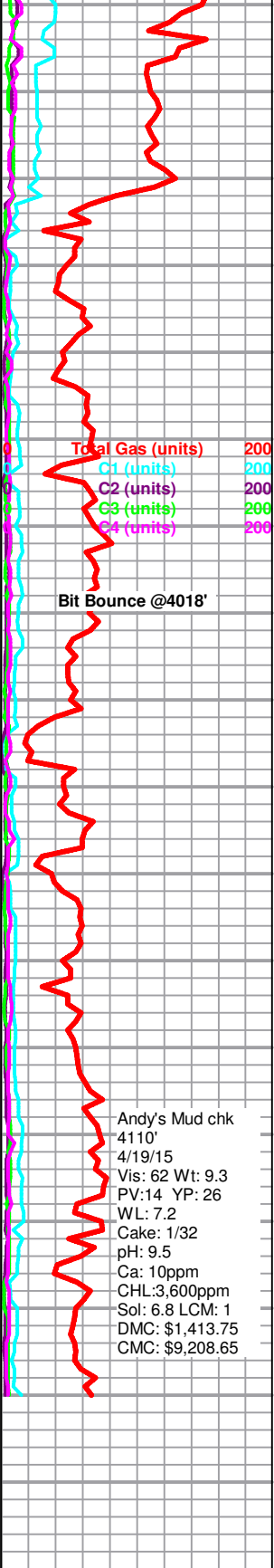
4060' 60" Dolomite, cream to brown, micro-xln, sucrosic and dense with poor visible porosity, some scattered sub-rhombic, no show or odor

4070' 60" Dolomite, mostly cream with some scattered brown, micro-xln, sucrosic and dense with poor visible porosity, fairly chalky, no show or odor

4080' 60" Dolomite as above, no show or odor

4090' 60" Dolomite, mostly cream with some very scattered white and light brown, micro-xln, sucrosic and dense with poor visible porosity, some scattered sub-rhombic, slightly chalky, no show or odor

4100' 60" Dolomite as above, no show or odor



Rotary TD 4110' @ 0855hrs 4/19/15
Nabors Well Services Logging TD @ 4110'
Complete Logging Operations @ 1830hrs 4/19/15
Geologist Jeremy Schwartz off location @1930 hrs 4/19/15



DRILL STEM TEST REPORT

Shelby Resources L.L.C.

3-22s-16w

2717 Canal Blvd Suite C
Hays Kansas 676-1

Buster #2

Job Ticket: 01027

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2015.04.18 @ 09:19:00

GENERAL INFORMATION:

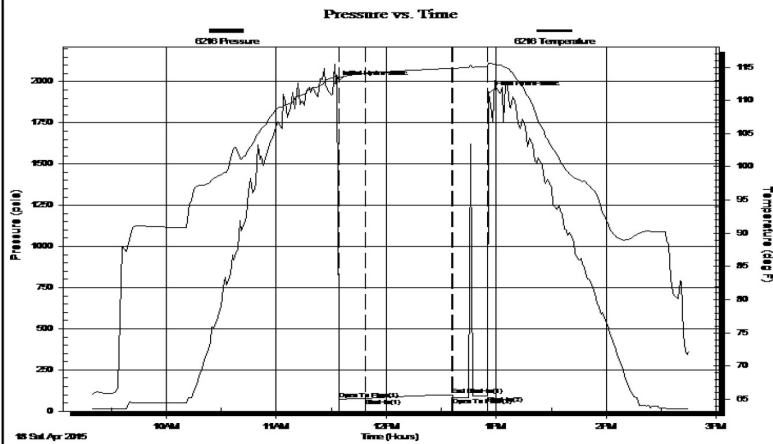
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 11:34:30 Tester: Gene Budig
 Time Test Ended: 14:45:00 Unit No: 01-48 FROM GB
 Interval: **3840.00 ft (KB) To 3904.00 ft (KB) (TVD)** Reference Elevations: 2006.00 ft (KB)
 Total Depth: 3904.00 ft (KB) (TVD) 1992.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 14.00 ft

Serial #: 6216

Outside

Press@RunDepth: 77.58 psia @ 3899.14 ft (KB) Capacity: 5000.00 psia
 Start Date: 2015.04.18 End Date: 2015.04.18 Last Calib.: 2015.04.18
 Start Time: 09:19:00 End Time: 14:45:00 Time On Btm: 2015.04.18 @ 11:32:30
 Time Off Btm: 2015.04.18 @ 12:56:00

TEST COMMENT: 1st Opening 15 Minutes weak building blow built to 2 1/2 inches into the water
 1st Shut-In 45 Minutes-No blow back
 2nd Opening 20 Minutes-No blow flushed tool after 7 minutes good surge weak blow for 2 minutes and died
 2nd Shut-In none taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1991.81	113.60	Initial Hydro-static
2	71.67	113.47	Open To Flow (1)
16	77.58	114.06	Shut-In(1)
63	100.34	114.84	End Shut-In(1)
64	80.83	114.84	Open To Flow (2)
83	94.03	115.07	Shut-In(2)
84	1930.71	115.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drilling Mud	0.30

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)