



Scale 1:240 Imperial

Well Name: Reif Trust #2-23
 Surface Location: 940' FSL_509' FWL Sec 23-18S-14W
 Bottom Location:
 API: 15-009-25998-00-00
 License Number:
 Spud Date: 7/7/2014 Time: 3:15 PM
 Region: Barton County
 Drilling Completed: 7/13/2014 Time: 6:00 AM
 Surface Coordinates: Y = 655310 & X = 1900812
 Bottom Hole Coordinates:
 Ground Elevation: 1900.00ft
 K.B. Elevation: 1909.00ft
 Logged Interval: 2800.00ft To: 3530.00ft
 Total Depth: 3530.00ft
 Formation: Arbuckle
 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: Reif Trust #2-23
 Location: 940' FSL_509' FWL Sec 23-18S-14W API: 15-009-25998-00-00
 Pool: Field: Wildcat
 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 Reif Trust #2-23 was drilled to a total depth of 3530', bottoming in the Arbuckle. A TookeDag gas detector was employed in the drilling of said well.

2 DST's were conducted throughout the Lansing Kansas-City and Arbuckle Zones. The DST reports can be found at the bottom of this log.

Due to the DST results, sample shows, gas kicks, and log analysis it was determined by all parties involved 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

SURFACE CO-ORDINATES

Well Type: Vertical

Longitude: N/S Co-ord: Y = 655310
 E/W Co-ord: X = 1900812

Latitude:

CONTRACTOR

Contractor: Sterling Drilling Co
 Rig #: 4
 Rig Type: mud rotary
 Spud Date: 7/7/2014
 TD Date: 7/13/2014
 Rig Release:
 Time: 3:15 PM
 Time: 6:00 AM
 Time:

ELEVATIONS

K.B. Elevation: 1909.00ft
 K.B. to Ground: 9.00ft
 Ground Elevation: 1900.00ft

| DATE | DEPTH | ACTIVITY |
|-------------------------|-------|---|
| Friday, July 11, 2014 | 2950' | Geologist Jeremy Schwartz on location @ 0005hrs, DRLG ahead through Topeka, Heebner, Toronto, Douglas Shale, Brown Lime, CFS @ 3167', Conduct Short Trip, |
| | 3167' | Resume DRLG ahead through LKC, CFS @ 3224', Resume DRLG, CFS @ 3230' |
| | | Conduct DST #1 in LKC "A-D" |
| Saturday, July 12, 2014 | 3230' | Successful Test, Resume DRLG ahead through LKC, CFS @ 3250', Resume DRLG |
| | 3404' | ahead through LKC "G", Muncie Creek, CFS @ 3386', Resume DRLG, CFS @ 3404', |
| | 3412' | Resume DRLG, CFS @ 3412', CFS @ 3425', CFS @ 3448', DRLG ahead to TD @ 3530 |
| | 3530 | TD Reached @ 2305hrs, CTCH 1hour |
| Sunday, July 13, 2014 | 3530 | Conduct Logging Operations, Logging Operations complete @ 0600hrs, |
| | | Conduct Straddle Test in Lansing "H", Successful Test |
| | | Geologist Jeremy Schwartz off location @ 1300hrs |

| | |
|------------------|-------------------------|
| CLIENT: | SHELBY RESOURCES, LLC |
| WELL NAME: | REIF TRUST #2-23 |
| LEGAL: | E/2 NW SW SW 23-18S-14W |
| COUNTY: | BARTON |
| API: | 15-009-25998-00-00 |
| DRLG CONTRACTOR: | STERLING DRILLING CO. |
| RIG #: | 4 |
| DOGHOUSE #: | 620-388-4192 |
| TOOLPUSHER: | LANNY SALOGA |
| CELL #: | 620-388-4193 |






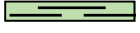

| | | SHELBY RESOURCES, LLC | | | | L.D. DRILLING | | | | ALPINE OIL & ROYALTY CO | | | | | | | | | | | | |
|---------------|-------|------------------------|-------|-------------|-------|----------------------------|-------|-------|-------|-------------------------|-------|------------|-------|-------|-------|-------|------|-------|---|----|---|----|
| | | REIF TRUST #1-23 | | | | LORETTA POLZIN TRUST #1-22 | | | | BRACK #1 | | | | | | | | | | | | |
| | | NE SE NW SW 23-18S-14W | | | | SE SW NE SW 22-18S-14W | | | | C SE NE 23-18S-14W | | | | | | | | | | | | |
| | | KB | | 1909 | | KB | | 1914 | | KB | | 1916 | | KB | | 1900 | | | | | | |
| | | LOG TOPS | | SAMPLE TOPS | | COMP. CARD | | LOG | | SMPL. | | COMP. CARD | | LOG | | SMPL. | | | | | | |
| FORMATION | DEPTH | DATUM | DEPTH | DATUM | DEPTH | DATUM | CORR. | CORR. | DEPTH | DATUM | CORR. | CORR. | DEPTH | DATUM | CORR. | CORR. | | | | | | |
| ANHYDRITE TOP | 839 | 1070 | 842 | 1067 | 842 | 1072 | - | 2 | - | 5 | 856 | 1060 | + | 10 | + | 7 | 830 | 1070 | + | 0 | - | 3 |
| BASE | 872 | 1037 | 872 | 1037 | 870 | 1044 | - | 7 | - | 7 | 882 | 1034 | + | 3 | + | 3 | 860 | 1040 | - | 3 | - | 3 |
| TOPEKA | 2864 | -955 | 2864 | -955 | 2860 | -946 | - | 9 | - | 9 | 2878 | -962 | + | 7 | + | 7 | 2852 | -952 | - | 3 | - | 3 |
| HEEBNER SHALE | 3080 | -1171 | 3080 | -1171 | 3076 | -1162 | - | 9 | - | 9 | 3092 | -1176 | + | 5 | + | 5 | 3074 | -1174 | + | 3 | + | 3 |
| TORONTO | 3095 | -1186 | 3095 | -1186 | 3091 | -1177 | - | 9 | - | 9 | 3100 | -1184 | - | 2 | - | 2 | 3085 | -1185 | - | 1 | - | 1 |
| DOUGLAS SHALE | 3110 | -1201 | 3110 | -1201 | 3106 | -1192 | - | 9 | - | 9 | 3114 | -1198 | - | 3 | - | 3 | 3100 | -1200 | - | 1 | - | 1 |
| BROWN LIME | 3164 | -1255 | 3164 | -1255 | 3159 | -1245 | - | 10 | - | 10 | 3167 | -1251 | - | 4 | - | 4 | 3157 | -1257 | + | 2 | + | 2 |
| LKC | 3176 | -1267 | 3175 | -1266 | 3168 | -1254 | - | 13 | - | 12 | 3176 | -1260 | - | 7 | - | 6 | 3165 | -1265 | - | 2 | - | 1 |
| LKC G | 3262 | -1353 | 3260 | -1351 | 3251 | -1337 | - | 16 | - | 14 | 3249 | -1333 | - | 20 | - | 18 | 3236 | -1336 | - | 17 | - | 15 |
| MUNCIE CREEK | 3300 | -1391 | 3300 | -1391 | 3294 | -1380 | - | 11 | - | 11 | 3307 | -1391 | + | 0 | + | 0 | 3290 | -1390 | - | 1 | - | 1 |
| LKC H | 3304 | -1395 | 3304 | -1395 | 3298 | -1384 | - | 11 | - | 11 | 3313 | -1397 | + | 2 | + | 2 | 3298 | -1398 | + | 3 | + | 3 |
| STARK SHALE | 3354 | -1445 | 3355 | -1446 | 3348 | -1434 | - | 11 | - | 12 | 3363 | -1447 | + | 2 | + | 1 | 3348 | -1448 | + | 3 | + | 2 |
| BKC | 3380 | -1471 | 3380 | -1471 | 3372 | -1458 | - | 13 | - | 13 | 3390 | -1474 | + | 3 | + | 3 | 3376 | -1476 | + | 5 | + | 5 |
| CONGLOMERATE | 3390 | -1481 | 3390 | -1481 | 3386 | -1472 | - | 9 | - | 9 | 3395 | -1479 | - | 2 | - | 2 | 3389 | -1489 | + | 8 | + | 8 |
| ARBUCKLE | 3438 | -1529 | 3437 | -1528 | 3400 | -1486 | - | 43 | - | 42 | 3424 | -1508 | - | 21 | - | 20 | 3431 | -1531 | + | 2 | + | 3 |
| RTD | | | 3530 | -1621 | 3500 | -1586 | - | | - | 35 | 3550 | -1634 | | | + | 13 | 3435 | -1535 | | | | 86 |
| LTD | 3531 | -1622 | | | 3500 | -1586 | - | 36 | | | 3549 | -1633 | + | 11 | | | | | | | | |

| PROGNOSIS | | |
|---------------|------|-------|
| ANHYDRITE TOP | 839 | 1070 |
| HEEBNER SHALE | 3073 | -1164 |
| LANSING | 3165 | -1256 |
| BKC | 3367 | -1458 |
| ARBUCKLE | 3395 | -1486 |
| RTD | 3500 | -1591 |




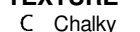
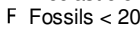
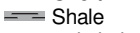
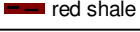
| TESTED | TESTED | TESTED |
|--|---|---|
| DST #1 (3166-3240) LKC "A-F" 15-45-45-90 Weak Blow built to 3' Weak Blow built 1" from BOB 300' MW (90%W, 10%M) 30" M w/trace oil SIP: 1024-1006 | DST #1 (3174-3255) LKC "A-G" 30-45-45-60 Weak Surface Blow built to 7' Good Strong blow BOB 45' 185' GIP 155'WGOCM (71%M, 12%O, 10%G, 7%W) SIP: 870-865 | DST #1 (3180 - 3240) LKC GTS 31MIN 1000' CO, 400'MO, 40'GCM BHP: 1055-685#/30' DST #2 (3294 - 3340) 60' GIP, 60' GCW w/spots oil, 300'WTR BHP: 1155-1060#/30' |
| DST #2 (3371-3411) Ar buckle 15-45-60-90 Strong Blow BOB 9.5' | DST #2 (3302-3376) LKC "H-K" 30-30-30-30 Blow Built to 2' | |

| | |
|---|--|
| <p>Strong Blow BOB 10.5'</p> <p>330' GCO (90%O, 10%G)</p> <p>390' GCO (90%O, 10%G)</p> <p>SIP: 1069-1059</p> <p>DST #3 (3413-3419) Arbuckle</p> <p>15-45-60-90</p> <p>Strong Blow BOB 5'</p> <p>BB 1'</p> <p>Strong blow BOB 6.5'</p> <p>BB 2'</p> <p>900' GO (85%O, 15%G)</p> <p>SIP: 1069-1029</p> <p>DST #4 (3420-3428) -1506 Arbuckle</p> <p>15-30-30-45</p> <p>Strong Blow BOB 1.5'</p> <p>Strong Blow BOB 2'</p> <p>1680' WTR</p> <p>SIP: 1126-1145</p> | <p>Blow Built to 2.5'</p> <p>5' GSOCM (89%M, 9%O, 2%G)</p> <p>SIP: 92-94</p> <p>DST #3 (3374-3436) Arbuckle</p> <p>30-45-45-60</p> <p>Strong Blow BOB 1'</p> <p>4.5"BB</p> <p>Strong Blow BOB 1' 45"</p> <p>310' GIP, 1745' GO (98%O, 2%G)</p> <p>275' WGM O (90%Emulsified Oil)</p> <p>SIP: 1019-1008</p> |
| <i>INFO</i> | <i>INFO</i> |
| PERF 3400-3403 (Arbuckle) | PERF 3236 - 3240 (LKC) IP: 22BOPD, NW |




















ROCK TYPES

| | | | |
|--|--|--|---|
|  Congl |  Lmst fw<7 |  shale, gry |  shale, red |
|  Dolprim |  shale, grn |  Carbon Sh | |

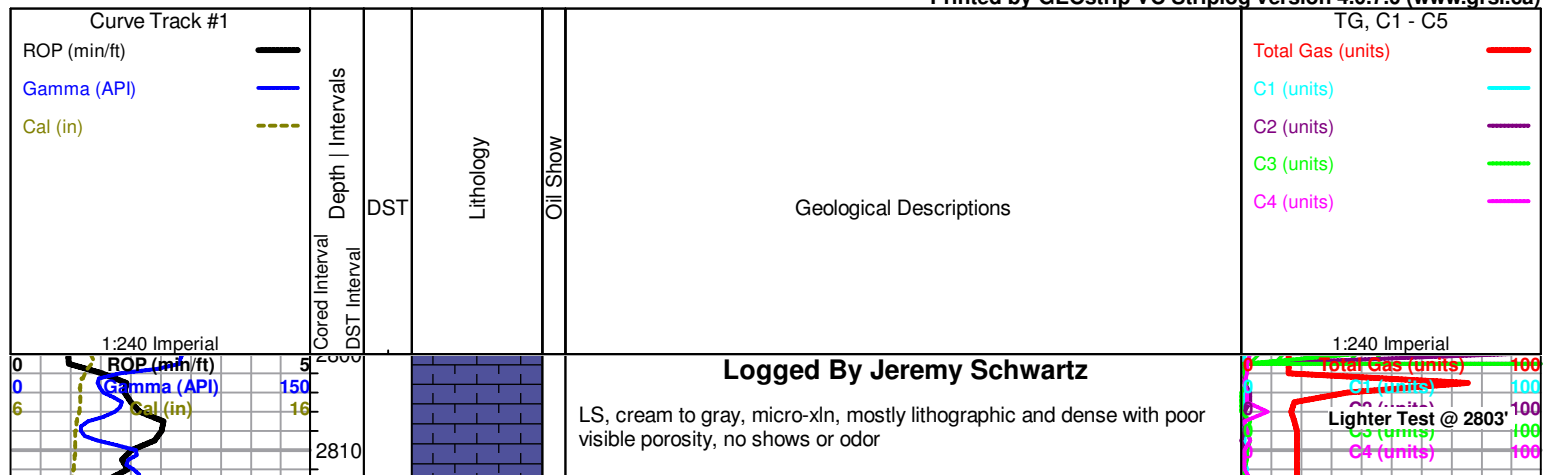
ACCESSORIES

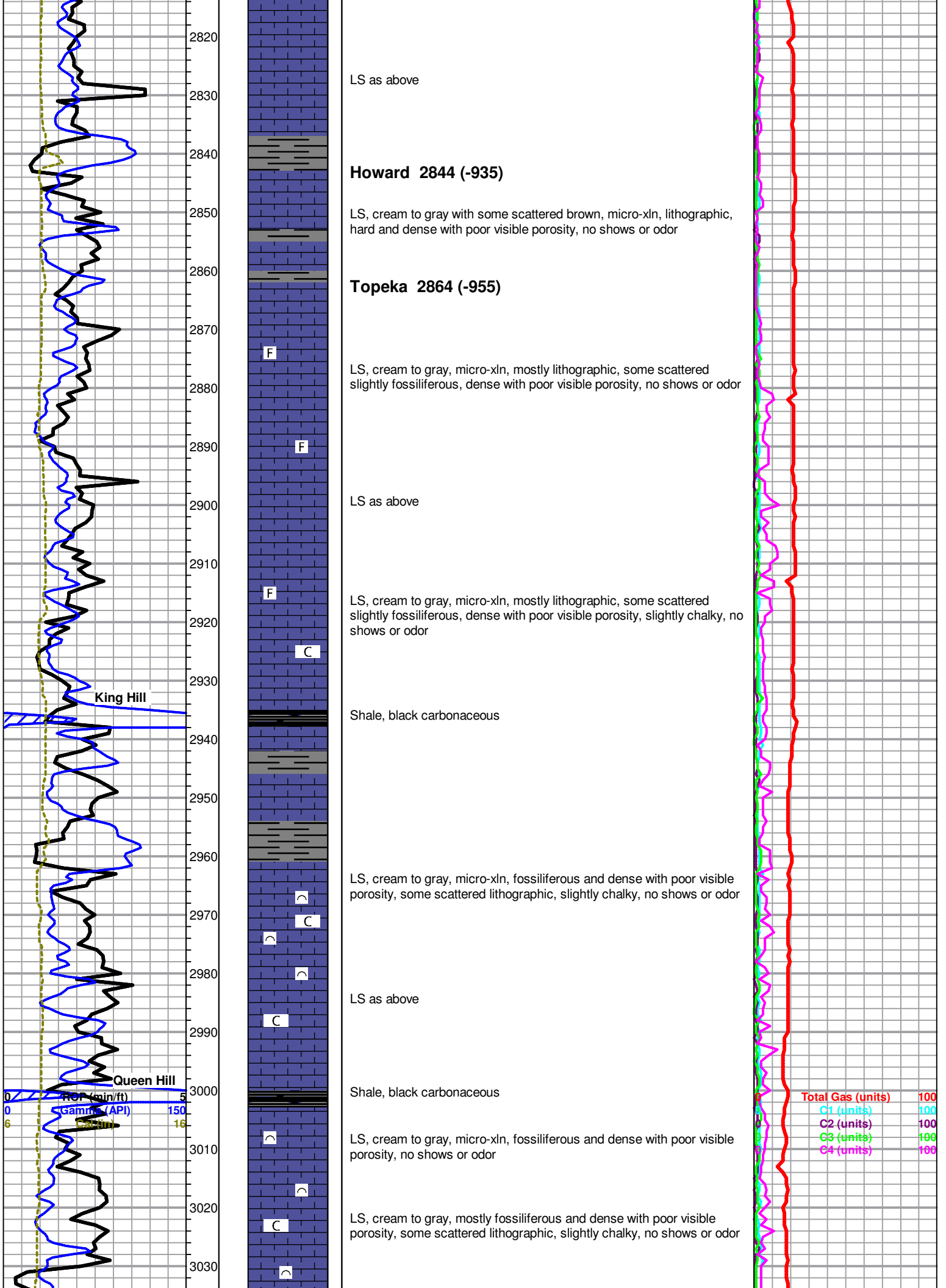
| | | | |
|--|--|---|---|
| MINERAL | FOSSIL | STRINGER | TEXTURE |
|  Varicolored chert |  Bioclastic or Fragmental |  Chert |  Chalky |
| |  Fossils < 20% |  Shale | |
| | |  red shale | |

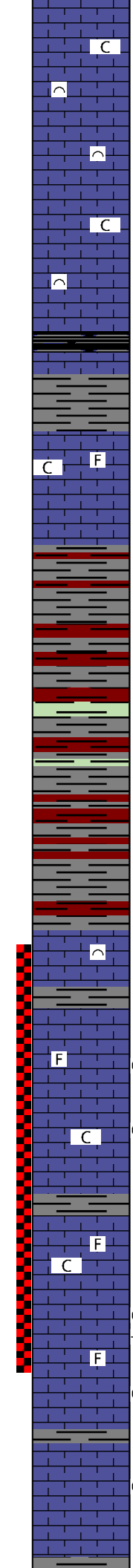
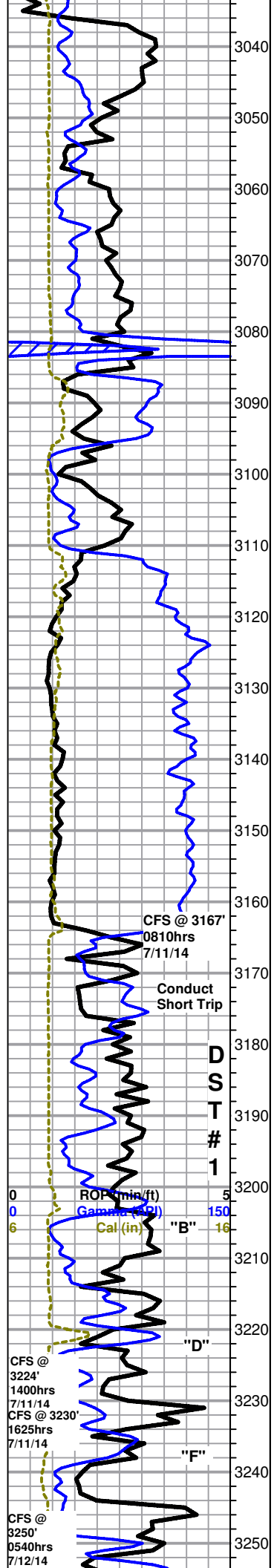
OTHER SYMBOLS

| | | |
|--|---|---|
| MISC | Oil Show | DST |
|  Daily Report |  Good Show |  DST Int |
|  Digital Photo |  Fair Show 50-75 |  DST alt |
|  Document |  Poor Show 25-50 | |
|  Folder |  Spotted or Trace 1-25 | |
|  Link |  Questionable Stn | |
|  Vertical Log File |  Dead Oil Stn | |
|  Horizontal Log File |  Fluorescence | |
|  Core Log File |  Gas | |
|  Drill Cuttings Rpt | | |

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)







LS as above, few scattered chips sub-oomoldic to oomoldic, slightly chalky, barren

LS, cream, micro-xln, fossiliferous and dense with poor visible porosity, some scattered soft and chalky, slightly chalky sample, no shows or odor

LS, cream with some scattered gray and white, micro-xln, fossiliferous and dense with poor visible porosity, some scattered soft and chalky, also with some scattered oomoldic, barren, no odor

Heebner 3080 (-1171)

LS, cream to off-white, micro-xln, some fossiliferous, some lithographic, some scattered oomoldic, mostly dense with poor visible porosity, slightly chalky, no shows or odor

Douglas Shale 3110 (-1201)

Shale, gray and red, soft and waxy

Shale as above with some very scattered green, trace silty

Shale, red and gray, soft and waxy

Brown Lime 3164 (-1255)

LS, brown, micro-xln, fossiliferous, hard and dense with no visible porosity, no shows or odor

LKC 3175 (-1266)

ReifTrust#2-23DST#1.jpg

LS, cream with some very scattered gray, micro-xln, some slightly fossiliferous, some lithographic, mostly dense with poor visible porosity, some very scattered (~5%) with poor to fair scattered pinpoint porosity and black stain in porosity only, SSFO in tray, fair fleeting odor in wet cup

As above, with less shows (<5%), NSFO, slightly chalky, poor odor

LS, cream to off-white, micro-xln, mostly lithographic, some scattered fossiliferous, overall poor visible porosity, no shows or odor

LS as above, some scattered soft and chalky, slightly chalky sample, no shows or odor

3224' 30" LS, cream, micro-xln, mostly lithographic, some scattered fossiliferous, dense with poor visible porosity, few very scattered chips (~5%) soft and chalky in part with scattered poor to fair visible pinpoint porosity with black stain in porosity only, upon break chips have slight to fair show free oil, slight show gas bubbles in porosity, NSFO in tray, poor odor

3224' 60" Mostly same as above with increase in shows (~15%), few chips slowly bleeding oil and gas bubbles under lamp, SSFO in tray, poor odor

3230' 30" LS, cream, micro-xln, some lithographic, some fossiliferous, mostly dense with poor visible porosity, some very scattered chips with scattered pinpoint porosity and black stain in porosity only, NSFO, poor odor

3230' 60" Mostly same as above, shows <5% of sample, NSFO, no odor

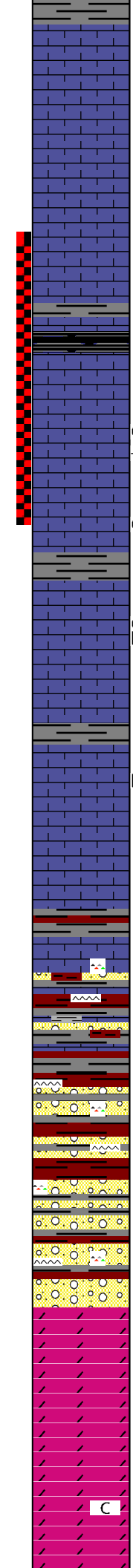
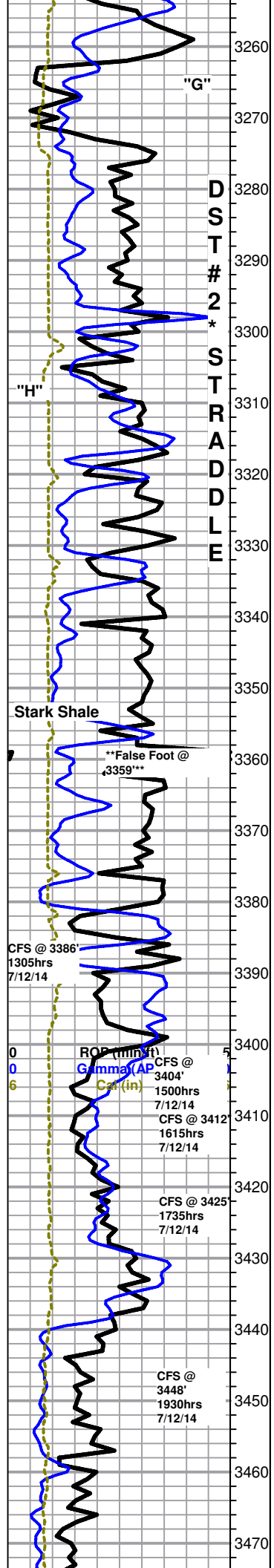
~3240' LS, cream to gray, micro-xln, some fossiliferous, some lithographic, mostly poor visible porosity, few chips (<5%) with one to two small vugs and black stain inside vugs, NSFO, no odor

Mud-Co Mud chk
3167'
7/11/14
Vis: 50 Wt: 9.0
PV: 15 YP:11
WL: 10.4
Cake:1/32
pH: 10.5
Ca: 20ppm
CHL: 6,000ppm
Sol: 4.7 LCM: 0
DMC: \$2,471.45
CMC: \$7,509.25

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

Survey = 1/2 degree
Strap .68STB

Mud-Co Mud chk
3255'
7/12/14



3250' 20" LS, cream with some scattered gray, mostly lithographic, some fossiliferous, mostly dense with poor visible porosity, few chips (<5%) with one to two very small edge vugs and poor black stain in vugs only, trace oolitic with very scattered brown inter-oolite stain, NSFO, no odor

3250' 40" mostly same as above, SSFO slowly bleeding from one chip under lamp, NSFO in tray, very poor odor

~3270' LS, cream, micro-xln, mostly lithographic with poor visible porosity, some sub-oomoldic to oomoldic with poor visible porosity, some scattered soft and chalky in part, slightly chalky sample, no shows or odor

LS, cream, micro-xln, lithographic and dense with poor visible porosity, some very scattered sub-oomoldic to oomoldic, no shows or odor

LS, cream to gray with some scattered brown, micro-xln, lithographic and dense with poor visible porosity, some scattered sub-oomoldic to oomoldic, barren, no shows or odor

Muncie Creek 3300 (-1391)

Shale, black carbonaceous

ReifTrust#2-23DST#2.jpg

LS, cream to gray with some scattered brown, micro-xln, lithographic and dense with poor visible porosity, no shows or odor

LS, cream, micro-xln, cream to gray, mostly lithographic and barren, some very scattered (~5-10%) sub-oomoldic to oomoldic with poor to fair visible porosity, mostly barren, few chips with fair show gas bubbles in oomolds and very scattered light brown stain mostly in porosity but partly in matrix in few chips, VSSFO, fair fleeting odor

LS, cream with some scattered brown, micro-xln, mostly lithographic and dense with poor visible porosity, few chips (<5%) with one to two small edge vugs and light brown to brown stain in vugs only, trace oolitic, NSFO, poor odor

LS, cream to white, micro-xln, mostly lithographic and dense with poor visible porosity, some soft and chalky in part, few very scattered chips with one to two small vugs with black to dead black stain in vugs only, slightly chalky, poor odor

LS, cream to gray with some scattered off-white, mostly lithographic, some slightly fossiliferous, mostly dense with poor visible porosity, no shows or odor

As above, few chips with very scattered black to dead black stain, no odor

LS, cream to light gray with some off-white, mostly lithographic and dense with poor visible porosity, no shows or odor

LS, cream to off-white with some scattered white, mostly lithographic and dense with poor visible porosity, slightly chalky, no shows or odor

BKC 3380 (-1471)

3386' 30" LS, cream, micro-crypto xln, lithographic with poor visible porosity, also with some red and gray shale, no shows or odor

3386' 60" Mostly same as above, no shows or odor

LS, cream, micro-crypto xln, mostly lithographic and dense with poor visible porosity, with some scattered gray and red shale and very scattered orange to red chert, no shows or odor

3404' 30" LS, cream to white, micro-xln, mostly lithographic and dense with poor visible porosity, with some scattered red and gray shale and very scattered orange to red chert, trace oolitic, very slight red wash, no shows or odor

3404' 45" Mixed LS, shales, and cherts, trace pyrite and sub-rounded to rounded quartz grains, red wash, no shows or odor

3412' 30" Conglomerate as above, slight red wash, no shows or odor

3412' 45" Mixed LS, shales, and cherts, slight red wash, no shows or odor

3425' 30" Conglomerate, very slight red wash, no shows or odor

3425' 45" Conglomerate as above, very slight red wash, no shows or odor

Arbuckle 3437 (-1528)

Conglomerate, with trace dolomite, white, sub-sucrosic, barren, no shows or odor

3448' 30" Dolomite, white, micro-xln, mostly sub-sucrosic and dense with poor visible porosity, some scattered chips friable, poorly developed, barren, no odor

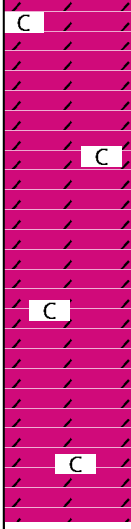
3448' 60" Dolomite as above, no shows or odor

Dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, some scattered chips fairly friable, barren, slightly chalky, no odor

Vis: 41 Wt: 9.0
 PV: 10 YP:11
 WL: 12.0
 Cake:1/32
 pH: 10.5
 Ca: 20ppm
 CHL: 7,400ppm
 Sol: 4.6 LCM: 0
 DMC: \$51.70
 CMC: \$7,560.95

| | |
|-------------------|-----|
| Total Gas (units) | 100 |
| C1 (units) | 100 |
| C2 (units) | 100 |
| C3 (units) | 100 |
| C4 (units) | 100 |

3480
3490
3500
3510
3520
3530
3540



Dolomite as above, no shows or odor

Dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, some scattered with poor sub-rhombic development, slightly chalky, no shows or odor

Dolomite as above, with slight increase in sub-rhombic development, no shows or odor

As above, no shows or odor

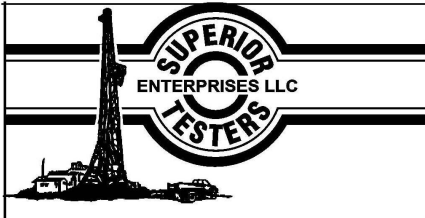
Dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, some scattered poor sub-rhombic development, slightly chalky, no shows or odor

Dolomite as above, slightly chalky, no shows or odor

Mud-Co Mud chk
3530'
7/13/14
Vis: 51 Wt: 9.1
PV: 14 YP:11
WL: 11.2
Cake:1/32
pH: 9.5
Ca: 20ppm
CHL: 6,800ppm
Sol: 5.4 LCM: 0
DMC: \$951.45
CMC: \$8,512.40

Survey = 1/4 Degree

Rotary TD 3530' @ 2305hrs 7/13/14
Nabors Well Services Logging TD @ 3531'
Complete Logging Operations @ 0600hrs 7/13/14
Geologist Jeremy Schwartz off location @ 1300hrs 7/13/14



DRILL STEM TEST REPORT

Shelby Resources LLC

23/18s/14w/Barton

2117 Canal Blvd,
Hays Ks, 67601

Reif Trust #2-23

Job Ticket: 18596

DST#: 1

ATTN: Jeremy Schwartz

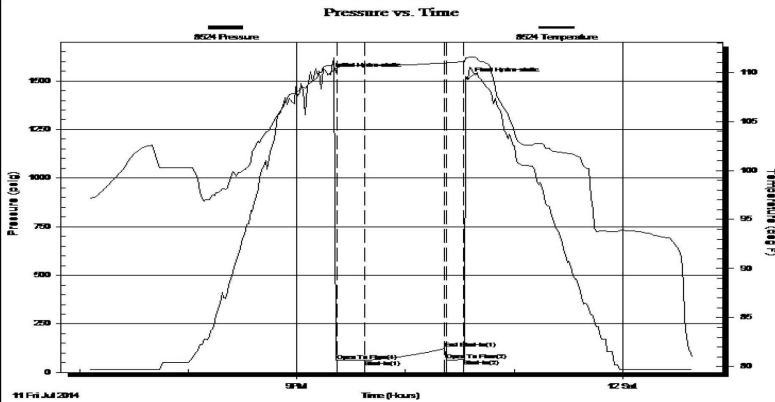
Test Start: 2014.07.11 @ 19:05:00

GENERAL INFORMATION:

Formation: **Lansing "A-D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:22:00
 Time Test Ended: 00:39:00
 Interval: **3166.00 ft (KB) To 3230.00 ft (KB) (TVD)**
 Total Depth: 3230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/25/Great Bend
 Reference Elevations: 1909.00 ft (KB)
 1900.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8524 Inside
 Press@RunDepth: 62.00 psig @ 3225.41 ft (KB)
 Start Date: 2014.07.11 End Date: 2014.07.12
 Start Time: 19:05:00 End Time: 00:39:00
 Capacity: 5000.00 psig
 Last Calib.: 2014.07.12
 Time On Btm: 2014.07.11 @ 21:17:30
 Time Off Btm: 2014.07.11 @ 22:34:30

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 10 Minutes. No blow, flushed tool had good flush bubbles and gained no blow. Pulled tool per Geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY

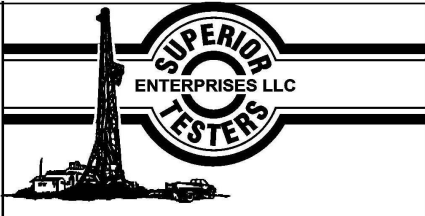
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1533.39 | 110.69 | Initial Hydro-static |
| 5 | 61.10 | 110.50 | Open To Flow (1) |
| 20 | 62.00 | 110.66 | Shut-In(1) |
| 65 | 123.69 | 110.96 | End Shut-In(1) |
| 65 | 63.41 | 110.95 | Open To Flow (2) |
| 75 | 65.97 | 111.06 | Shut-In(2) |
| 77 | 1508.48 | 111.50 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | 100% Mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



DRILL STEM TEST REPORT

Shelby Resources LLC

23/18s/14w/Barton

2117 Canal Blvd,
Hays Ks, 67601

Reif Trust #2-23

Job Ticket: 18597

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2014.07.13 @ 08:10:00

GENERAL INFORMATION:

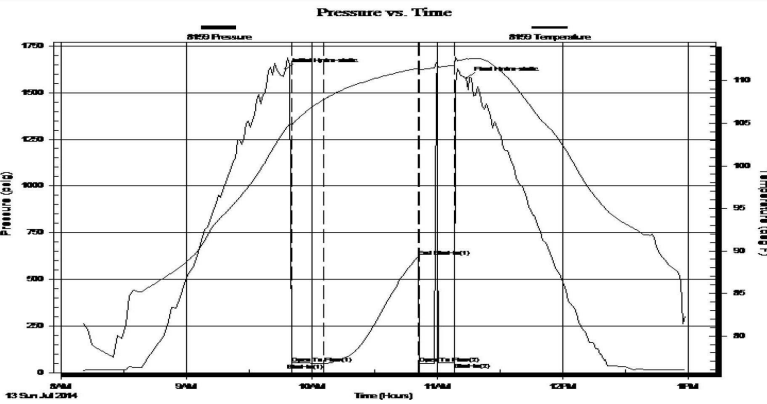
Formation: **Kansas City "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:50:30
 Time Test Ended: 12:59:00
 Interval: **3286.00 ft (KB) To 3326.00 ft (KB) (TVD)**
 Total Depth: 3530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Straddle (Initial)
 Tester: Shane Konzem
 Unit No: 3330/25/Great Bend
 Reference Elevations: 1909.00 ft (KB)
 1900.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8159

Inside

Press@RunDepth: 48.13 psig @ 3316.00 ft (KB)
 Start Date: 2014.07.13 End Date: 2014.07.13
 Start Time: 08:10:00 End Time: 12:59:00
 Capacity: 5000.00 psig
 Last Calib.: 2014.07.13
 Time On Btm: 2014.07.13 @ 09:47:30
 Time Off Btm: 2014.07.13 @ 11:14:00

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 15 Minutes. No blow, flushed tool had good flush bubbles. Gained no blow, pulled test per Geo.
 2nd Shut In/ N/A



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1625.09 | 104.28 | Initial Hydro-static |
| 3 | 47.99 | 104.81 | Open To Flow (1) |
| 18 | 48.13 | 107.78 | Shut-In(1) |
| 64 | 622.58 | 111.45 | End Shut-In(1) |
| 64 | 49.35 | 111.30 | Open To Flow (2) |
| 81 | 54.42 | 111.82 | Shut-In(2) |
| 87 | 1576.96 | 112.57 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | 100% Mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |