



Scale 1:240 Imperial

Well Name: Fenwick #1-35
 Surface Location: 600' FNL _1155' FEL Sec 35 - 21S- 16W
 Bottom Location:
 API: 15-145-21751-00-00
 License Number:
 Spud Date: 2/19/2014 Time: 7:00 PM
 Region: Pawnee County
 Drilling Completed: 2/26/2014 Time: 6:30 AM
 Surface Coordinates: Y = 554146 & X = 1843595
 Bottom Hole Coordinates:
 Ground Elevation: 1975.00ft
 K.B. Elevation: 1988.00ft
 Logged Interval: 3100.00ft To: 4050.00ft
 Total Depth: 4050.00ft
 Formation: Penn 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: Fenwick #1-35
 Location: 600' FNL _1155' FEL Sec 35 - 21S- 16W API: 15-145-21751-00-00
 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 Fenwick #1-35 was drilled to a total depth of 4025', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

Four DST's were conducted throughout the Lansing, Conglomerate, Simpson Sand, 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 further test the well through production pipe. 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 = 554146
 E/W Co-ord: X = 1843595

Latitude:

CONTRACTOR

Contractor: Sterling Drilling Co
 Rig #: 5
 Rig Type: mud rotary
 Spud Date: 2/19/2014
 TD Date: 2/26/2014
 Rig Release:
 Time: 7:00 PM
 Time: 6:30 AM
 Time:

ELEVATIONS

K.B. Elevation: 1988.00ft
 K.B. to Ground: 13.00ft
 Ground Elevation: 1975.00ft

DATE	DEPTH	ACTIVITY
Saturday, February 22, 2014	3400'	Geologist Jeremy Schwartz on location @ 1330hrs, DRLG ahead through Heebner, Toronto, Douglas Shale, Brown Lime, LKC, CFS @ 3563', Short Trip, Strap Out, Drop Survey, Conduct DST #1, Invalid Test
Sunday, February 23, 2014	3563'	DRLG ahead through Stark Shale, BKC, Marmaton, Conglomerate, CFS @ 3819', Conduct DST #2
Monday, February 24, 2014	3819'	Successful test, DRLG ahead through Simpson Shale, Simpson Sand, CFS @ 3897', Conduct DST #3
Tuesday, February 25, 2014	3897'	Successful test, DRLG ahead, CFS @ 3931', Conduct DST #4 in Arbuckle,
Wednesday, February 26, 2014	3897'	Successful test, DRLG ahead to TD, TD of 4025' reached at 0630hrs, CTCH 90", Trip out
	4025'	Conduct Logging Operations, Logging Operations Complete @ 1445hrs
		Geologist Jeremy Schwartz off location at 1515hrs

CLIENT:	SHELBY RESOURCES, LLC
WELL NAME:	FENWICK #1-35
LEGAL:	600'PNL & 1155' FEL 35-21S-16W
COUNTY:	PAWNEE COUNTY, KS
API:	15-145-21751-00-00
DRLG CONTRACTOR:	STERLING DRILLING CO.
RIG #:	5
DOGHOUSE #:	620-388-5433
TOOLPUSHER:	ALAN LOFTIS
CELL #:	620-388-2736

FORMATION	FENWICK #1-35				CAPTIVA II				CAPTIVA II				CAPTIVA II			
	NW-SW-NE-NE				SE-SW-SE-NW 35-21S-16W				W2-NW-NW-NE 3-22S-16W				NW-SE-SE-SW 25-21S-16W			
	KB	1988	LOG TOPS	SAMPLE TOPS	COMP. CARD	LOG	CORR.	SMPL.	COMP. CARD	LOG	CORR.	SMPL.	COMP. CARD	LOG	CORR.	SMPL.
ANHYDRITE TOP	974	1014	972	1016	984	1007	+ 7	+ 9	995	1004	+ 10	+ 12	962	1021	- 7	- 5
BASE	1000	988	988	1000	1000	991	- 3	+ 9	1018	981	+ 7	+ 19	988	995	- 7	+ 5
HEEBNER SHALE	3395	-1407	3393	-1405	3400	-1409	+ 2	+ 4	3414	-1415	+ 8	+ 10	3371	-1388	- 19	- 17
TORONTO	3418	-1430	3410	-1422	3419	-1428	- 2	+ 6	3430	-1431	+ 1	+ 9	3386	-1403	- 27	- 19
DOUGLAS SHALE	3430	-1442	3430	-1442	3437	-1446	+ 4	+ 4	3448	-1449	+ 7	+ 7	3406	-1423	- 19	- 19
BROWN LIME	3496	-1508	3495	-1507	3504	-1513	+ 5	+ 6	3524	-1525	+ 17	+ 18	3474	-1491	- 17	- 16
LKC	3504	-1516	3505	-1517	3514	-1523	+ 7	+ 6	3538	-1539	+ 23	+ 22	3485	-1502	- 14	- 15
STARK SHALE	3696	-1708	3695	-1707	3701	-1710	+ 2	+ 3	3717	-1718	+ 10	+ 11	3672	-1689	- 19	- 18
BKC	3742	-1754	3741	-1753	3752	-1761	+ 7	+ 8	3770	-1771	+ 17	+ 18	3718	-1735	- 19	- 18
MARMATON	3762	-1774	3762	-1774	3770	-1779	+ 5	+ 5	3790	-1791	+ 17	+ 17	3740	-1757	- 17	- 17
CONGLOMERATE	3790	-1802	3785	-1797	3806	-1815	+ 13	+ 18	3816	-1817	+ 15	+ 20	3761	-1778	- 24	- 19
CONG. SAND/CHRT	3798	-1810	3797	-1809					3862	-1863	+ 54		3774	-1791	- 19	- 18
VIOLA													3784	-1801		
SIMPSON SHALE	3872	-1884	3874	-1886	3884	-1893	+ 9	+ 7	3890	-1891	+ 7	+ 5	3844	-1861	- 23	- 25
SIMPSON SAND	3888	-1900	3884	-1896	3892	-1901	+ 1	+ 5	3908	-1909	+ 9	+ 13	3866	-1883	- 17	- 13
ARBUCKLE	3926	-1938	3924	-1936	3947	-1956	+ 18	+ 20	3960	-1961	+ 23	+ 25	3890	-1907	- 31	- 29
RTD			4025	-2037					4040	-2041	+ 4	+ 4	3991	-2008		- 29
ITD	4026	-2038			4038	-2047	+ 9		4041	-2042	+ 4		3991	-2008	- 30	

PROGNOSIS	
ANHYDRITE TOP	963 1005
HEEBNER SHALE	3404 -1416
Penn Cong	3841 -1853
Simp Sand	3892 -1904
ARBUCKLE	3939 -1951
TD	4060 -2062

TESTED	TESTED	TESTED
DST #1 (3350-3375) LKC "B-D" 10-45-45-90 IF: Fair Blow Built to 3IN No BB FF: Fair Blow Built to 3.5IN No BB 30' Gassy Mud w/TR Oil SIP: 767-1051	DST #1 (3806' - 3849') CONG 10-45-15 IF: Weak Blow No Build No BB FF: No Blow/Flush Tool/Pull Test	DST #2 (3695-3791) Cong Sand 10-45-45-90 Strong Blow BOB 2MIN BB 1/4IN Strong Blow BOB 45SEC BB 5IN
DST #2 (3785-3865) Conglomerate 15-45-20 Weak Blow Built to 3/4IN No BB Weak Surface Blow Died 20MIN Pulled Test 10' M SIP: 118-77	DST #2 (3879' - 3919') SIMP SAND 15-45-60-90 IF: Strong Blow BOB 1MIN BB BOB 5MIN FF: Strong Blow BOB 45SEC/GTS 2MIN BB BOB 3.5MIN 2425' CGO 63' MCGO (0.80%, G 10%, M 10%) SIP: 1150W - 1137#	720' GIP, 300' OCM (95% M, 5% O), 1' CO SIP: 683 - 756# DST #4 (3838-3892) Simp Sand/ARB 10-45-20-60 Strong Blow BOB 15SEC/GTS 2MIN BB 1IN Strong Blow BOB Immediately BB 1IN 120' M SIP: 1326 - 1322
DST #3 (3875-3915) Simp Sand 15-45-45-90	DST #3 (3960' - 3966') ARBUCKLE 15-45-60-90	

Strong Blow BOB 1MIN 50SEC Good BB Built to 11IN Strong Blow BOB 4MIN BB BOB/GTS 60MIN 945' CGO SIP: 1227-1149 DST #4 (3915-3958) Ar buckle 15-45-30-30 Strong Blow BOB 1MIN 20SEC No BB Strong Blow BOB 2MIN 10SEC No BB 1953' W SIP: 1300-1329	IF: Strong Surge/Built to BOB 13.5MIN No BB FF: Strong Blow BOB 1.5MIN No BB 1890' SMGCW (W 55%, G 3%, M 2%)	DST #5 (3896-3904) Ar buckle 10-45-13-60 Strong Blow BOB 15SEC/GTS 2.5MIN Yes BB Strong Blow BOB Immediately/Oil to Surface 3MIN Yes BB 3659' CGO, 120' Gassy Muddy Emulsified Oil (060%, W20%, M15%, G5%) 120' GIP SIP: 1325 - 1325 DST #6 (3905-3914) Ar buckle 15-45-45-60 Good Blow BOB 3MIN BB 8.5IN Good Blow BOB 5MIN BB BOB 15MIN 882' GCMW/Tr Oil 63' MWCGO (055%, G20%, W20%, M5%) 5'CO, 567' GIP SIP: 1331-1330
<i>INFO</i>	<i>INFO</i>	<i>INFO</i>
	PERF 3910-13' (12) SIMP SAND PERF 3913-18' (20) SIMP SAND	

ROCK TYPES

	Cht		Dolprim		shale, gry		Shcol
	Cht vari		Lmst fw<7		Carbon Sh		Ss
	Congl		shale, grn		shale, red		

ACCESSORIES

FOSSIL	STRINGER
^ Bioclastic or Fragmental F Fossils < 20%	Limestone Sandstone Shale red shale

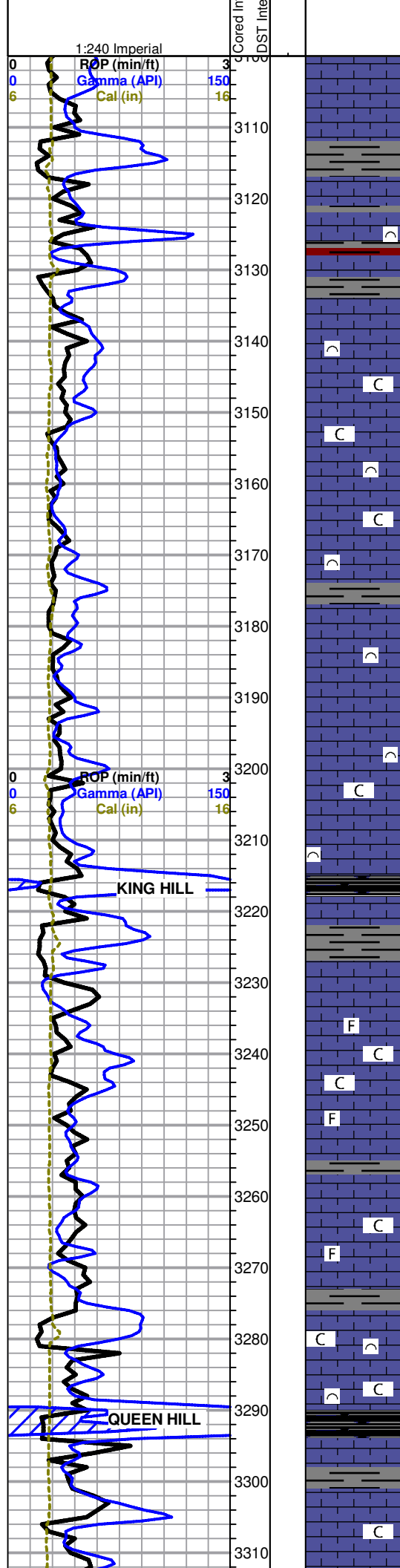
TEXTURE
C Chalky

OTHER SYMBOLS

MISC	Oil Show	DST
Daily Report Digital Photo Document Folder Link Vertical Log File Horizontal Log File Core Log File Drill Cuttings Rpt	● Good Show ● Fair Show ● Poor show ○ Spotted or Trace ○ Questionable Stn D Dead Oil Stn ■ Fluorescence * Gas	DST Int DST alt

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

Curve Track #1						TG, C1 - C5		
ROP (min/ft)		Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	Total Gas (units)	
Gamma (API)							C1 (units)	
Cal (in)							C2 (units)	
							C3 (units)	
							C4 (units)	



Logged By Jeremy Schwartz

Shale, mostly gray with trace red, with some scattered LS, cream to gray, micro-xln, some fossiliferous, mostly dense with poor visible porosity

LS, cream with some gray, micro-xln, some fossiliferous, mix of dense and soft and chalky, poor visible porosity, chalky

LS, cream, micro-xln, some scattered fossiliferous, mostly dense with poor visible porosity, soft and chalky

As above, with some scattered gray fossiliferous, dense with poor visible porosity

LS, mostly cream with some gray, micro-xln, some dense and fossiliferous, some soft and chalky, poor visible porosity, slightly chalky

LS as above, with trace Shale, black carbonaceous, soft and waxy

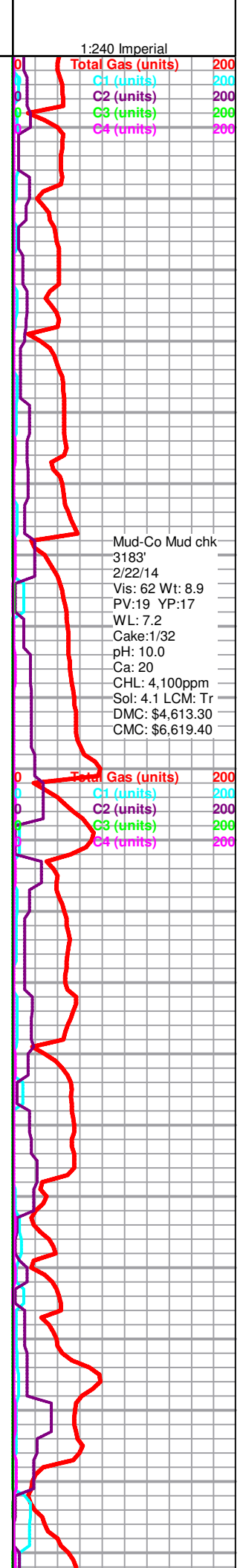
LS, mostly cream with some gray and scattered white to off white, mostly dense, some scattered slightly fossiliferous, some soft and chalky, poor visible porosity, chalky

LS as above

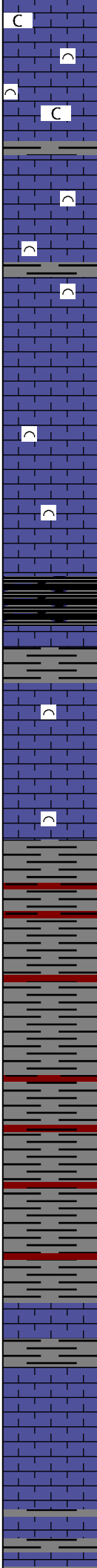
LS, cream with some light gray, mostly hard and dense, some fossiliferous, some soft and chalky, poor visible porosity, chalky

Shale, black carbonaceous, soft and waxy

LS, cream to light gray, micro-xln, mostly hard and dense with poor visible porosity, some soft and chalky, chalky sample



3320
3330
3340
3350
3360
3370
3380
3390
3400
3410
3420
3430
3440
3450
3460
3470
3480
3490
3500
3510
3520
3530



LS, cream to gray with some white to off white, fossiliferous, micro-xln, mostly hard and dense with poor visible porosity, some soft and chalky

LS, mostly gray with some white to off white and scattered cream, fossiliferous, hard and dense with poor visible porosity, some scattered soft and chalky

LS, mostly cream with some light gray and light brown, micro-xln with some scattered crypto-xln, mostly lithographic, hard and dense with poor visible porosity

LS as above

Heebner 3393 (-1405)
Shale, black carbonaceous, blocky and dense

Shale, mostly gray with trace red, mostly soft and waxy, also with some LS, cream, fossiliferous, hard and dense with poor visible porosity

Toronto 3410 (-1422)
LS, gray to cream with some white to off white, micro-xln, some scattered fossiliferous, mostly hard and dense with poor visible porosity, some scattered soft and chalky

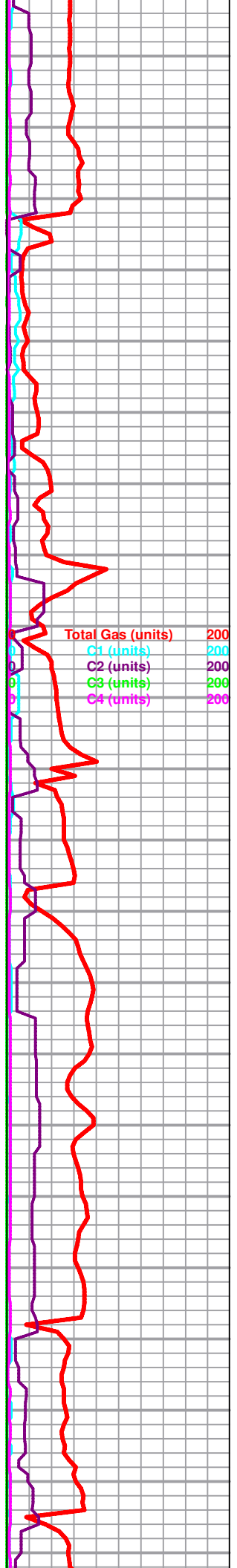
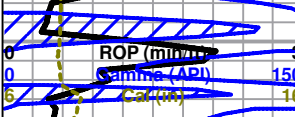
Douglas Shale 3430 (-1442)
Shale, gray with some scattered red, mostly soft and waxy

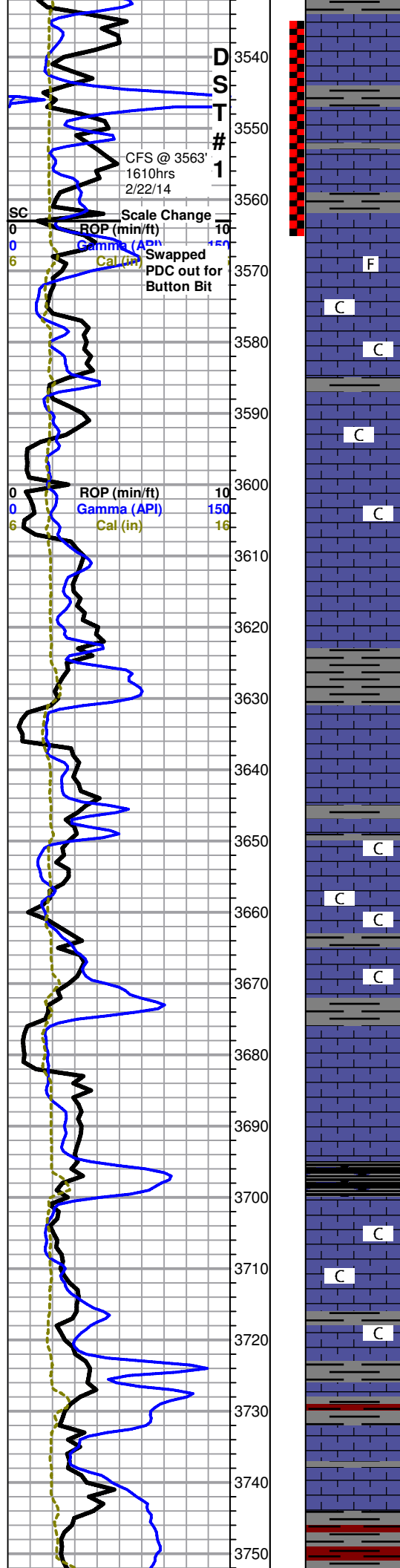
Shale as above

Brown Lime 3495 (-1507)
LS, brown, micro-xln, fossiliferous, hard and dense with no visible porosity, no shows

LKC 3505 (-1517)
LS, cream to white/off white, micro-xln, some fossiliferous, mostly dense with poor visible porosity, some soft and chalky, no shows or odor

LS, white to off white with some scattered cream to gray, micro-crypto xln, mix of hard and dense and soft and chalky, poor visible porosity, no shows or odor





****Invalid Test****

3563' 20" LS as above, also with few small chips cream, micro-xln with very scattered vf pinpoint porosity and several small vugs with very slight light brown stain in and around vugs, one chip with very light brown mostly saturated stain (only visible when dried out), very slow streaming cut with bright white fluorescence, SS gas bubbles in wet tray with slight sheen around bubbles, NSFO, fair odor

40" LS as above, few small chips cream, micro-crypto xln with very scattered vf pinpoint porosity and very light brown stain in and around porosity only, several chips with few very scattered small vugs and slightly vuggy to vuggy edges with with fair xln development and very light brown stain on edge that increases in color to brown when left under lamp, very slow weak cut with dull fluorescence, NSFO, poor odor

LS, cream to gray, micro-xln, some scattered fossiliferous with poor visible porosity, also with abundant white, micro-xln, very soft and chalky in part, friable, some chalk in sample, no shows or odor,

LS, gray to cream, micro-crypto xln, mostly lithographic, hard and dense with poor visible porosity, also with some white as above, no shows or odor

LS, mostly white, micro-xln, very soft and chalky in part, friable, also with some cream, micro-crypto xln, dense with poor visible porosity, some chalk in sample, no shows or odor

LS, cream with some light gray, micro-crypto xln, some sub-oomoldic to oomoldic with poor visible oomold porosity, dense, overall mostly dense with poor visible porosity, some chalky, no shows or odor

LS, gray to tan/light brown, micro-crypto xln, hard and dense with no visible porosity, some scattered cream, sub-oomoldic as above, dense, no shows or odor

LS, cream to light gray, mostly dense with poor visible porosity, some soft and chalky, chalky sample, no shows or odor

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

LS, cream with some scattered gray, micro-xln, mostly dense with poor visible porosity, slightly chalky, no shows or odor

LS, cream to white, micro-xln, some very soft and chalky, friable, some scattered cream colored sub-oomoldic, mostly dense with poor visible oomold porosity, some friable, chalky, no shows or odor

LS, cream to gray with some scattered light brown, micro-crypto xln, mostly hard and dense with poor visible porosity, some scattered soft and chalky, no shows or odor

LS, cream, micro-xln, mostly oomoldic with poor visible oomold porosity, some dense, some brittle, no shows or odor

LS, cream, mostly crypto-xln with some micro-xln, lithographic, hard and dense with poor visible porosity, no shows or odor

Stark Shale 3695 (-1707)

LS, mostly same as above, with trace black shale, soft and waxy

LS, cream to white with some light gray, micro-crypto xln, some hard and dense, some very soft and chalky in part, slightly chalky sample, no shows or odor

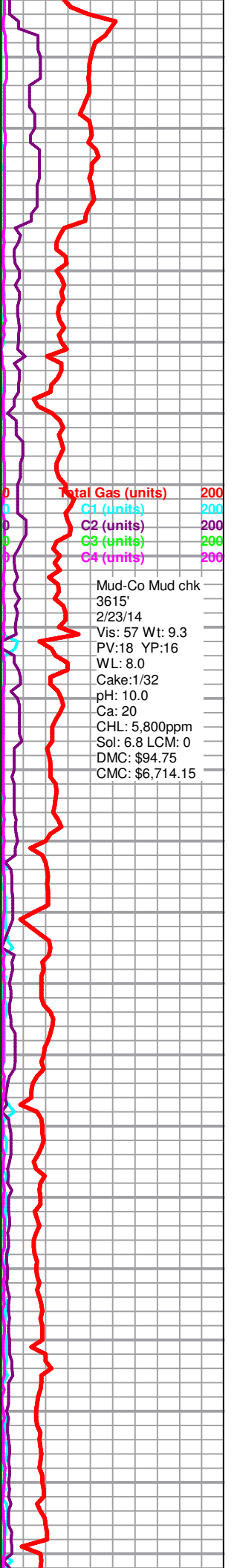
LS, cream, micro-xln, mostly lithographic and dense with poor visible porosity, some soft and chalky, no shows or odor

LS, cream to white with some gray, micro-xln, mostly dense with poor visible porosity, some scattered soft and chalky, also with abundant gray shale with trace red, no shows or odor

LS, mostly gray with some cream, micro-xln, dense with poor visible porosity, chalky, no shows or odor

BKC 3741 (-1753)

Shale, gray and red, soft and waxy



Mud-Co Mud chk
 3615'
 2/23/14
 Vis: 57 Wt: 9.3
 PV:18 YP:16
 WL: 8.0
 Cake:1/32
 pH: 10.0
 Ca: 20
 CHL: 5,800ppm
 Sol: 6.8 LCM: 0
 DMC: \$94.75
 CMC: \$6,714.15

Shale as above

Marmaton 3762 (-1774)

LS, cream to gray, micro-xln, some scattered fossiliferous, mostly dense with poor visible porosity, no shows or odor

Mostly LS as above, with some gray and red shale, poor sample very small crushed up chips

Conglomerate 3785 (-1797)

Mixed gray and red shales and cream to gray LS, red wash, no shows or odor

Mixed cream to gray LS, red and gray shale, and some scattered white, tan, orange, red and opaque cherts, heavy red wash, no shows or odor

Conglomerate Chert/Sand 3797 (-1809)

Fenwick#1-35DST#2.jpg

3819' 30" Chert, vari-colored white, tan, brown, orange, opaque, some tripolitic, some with tripolitic edges, some chips with large vugs and good visible porosity with brown to black mostly saturated to saturated stain, some chips bleeding gas bubbles, slow streaming cut with milky white fluorescence, also with some vf very scattered sub-rounded to rounded quartz grains in bottom of tray, found one small sand cluster, sub-rounded to sub-angular, poorly sorted, friable, saturated brown stain, slight show free oil upon break, fair to good show free oil in tray, good odor

3819' 60" Vari-colored cherts as above, some scattered tripolitic as above, shows appear to be dropping out, some very scattered quartz grains at bottom of tray, also appear to be less than above, fair to good show free oil in tray, fair odor

~45/45% Mix of gray and red shale with trace green and tan to white with trace brown and opaque chert, fresh and sharp, some with tripolitic edges and brown to black stain, very weak to no cut, also with some scattered LS, some sub-oolitic to sub-ooloidic, no red wash

As above, with influx of tan to white chert, ~(70%chrt/30%sh), very chalky

Mixed Cherts and shales with some scattered LS as above, also with some fused quartz and chert aggregate, composed of white to cream chert fragments and silicified fossil fragment inclusions and spicules within mostly amorphous fused and layered transparent quartz crystal matrix, exhibits some well developed crystalline quartz growths on edges and within vugs, scattered to mostly saturated black stain, slow streaming cut with dull fluorescence

Mixed shales cherts and LS, also with green and yellow shale and some scattered SS clusters, fine grained, brown, sub-rounded to sub-angular grains, poorly sorted, some fairly well cemented, some friable, when crushed some clusters have SSFO, poor odor in cup, red wash

Simpson Shale 3874 (-1886)

Mostly shale, gray to green and yellow with some red, also few SS clusters as above, fair odor in cup, SSFO

Simpson Sand 3884 (-1896)

Fenwick#1-35DST#3.jpg

3897' 30" Mixed shales as above, with some cherts and LS, also with some SS, vf-f, clear to brown, sub-rounded to sub-angular, friable, fairly well sorted, calcareous, some clusters slowly bleeding free oil droplets to surface, upon break clusters have fair to good show free oil, fair to good show free oil in tray, good odor in cup

60" Mixed shales with some scattered chert and LS as above, few very scattered SS clusters as above as well, with some scattered vf loose quartz grains in bottom of tray, NSFO, poor odor in cup

Shale, gray with some red, yellow, and green, mostly soft and waxy, some blocky and dense, with scattered SS, clear to black, medium to coarse grained, poorly sorted with some scattered shale and chert inclusions and some white clay filled, some friable, some fairly well cemented with black stain, NSFO, also with some green to gray clay with quartz grains trapped, fair odor

Arbuckle 3924 (-1936)

Fenwick#1-35DST#4.jpg

3931' 30" Dolomite, cream, micro-xln, some weathered and dense with poor visible porosity, some (~25%) sub-sucrosic to sucrosic with fair development and poor to fair visible porosity, scattered to mostly saturated brown stain, some slowly bleeding free oil, few chips (~5-10%) rhombic, with several scattered vugs to fair vuggy porosity, bleeding free oil and gas bubbles, also with some very scattered black SS clusters as above, NSFO form clusters, good show free oil in tray, strong pungent odor in cup

60" Dolomite, micro-xln, some weathered and desnse with poor visible porosity, mostly barren, some with poor to fair development and poor to fair visible porosity with few chips slowly bleeding free oil, few chips with fair rhombic development and several small scattered vugs, slowly bleeding free oil, fair show free oil in tray, fair pungent odor in cup

Dolomite, cream, micro-xln, some dense with poor visible porosity, some sub-sucrosic with some very scattered sucrosic, some friable, barren, poor fleeting odor in cup

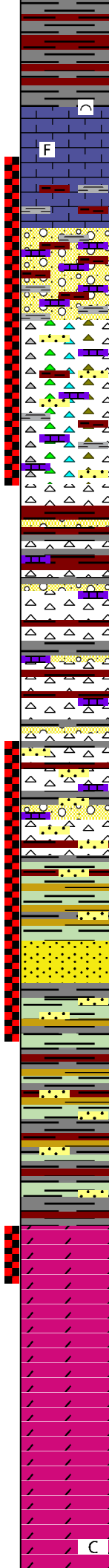
False Foot 3760.5 - 3761.5

ROP (min/ft)
Gamma (API)
Cal (in)

CFS @ 3819'
2020hrs
2/23/14

CFS @ 3897'
1715hrs
2/24/14

Bit Bounce @ 3927'
CFS @ 3931'
0940hrs
2/25/14



D
S
T

1
2

D
S
T

3

D
S
T

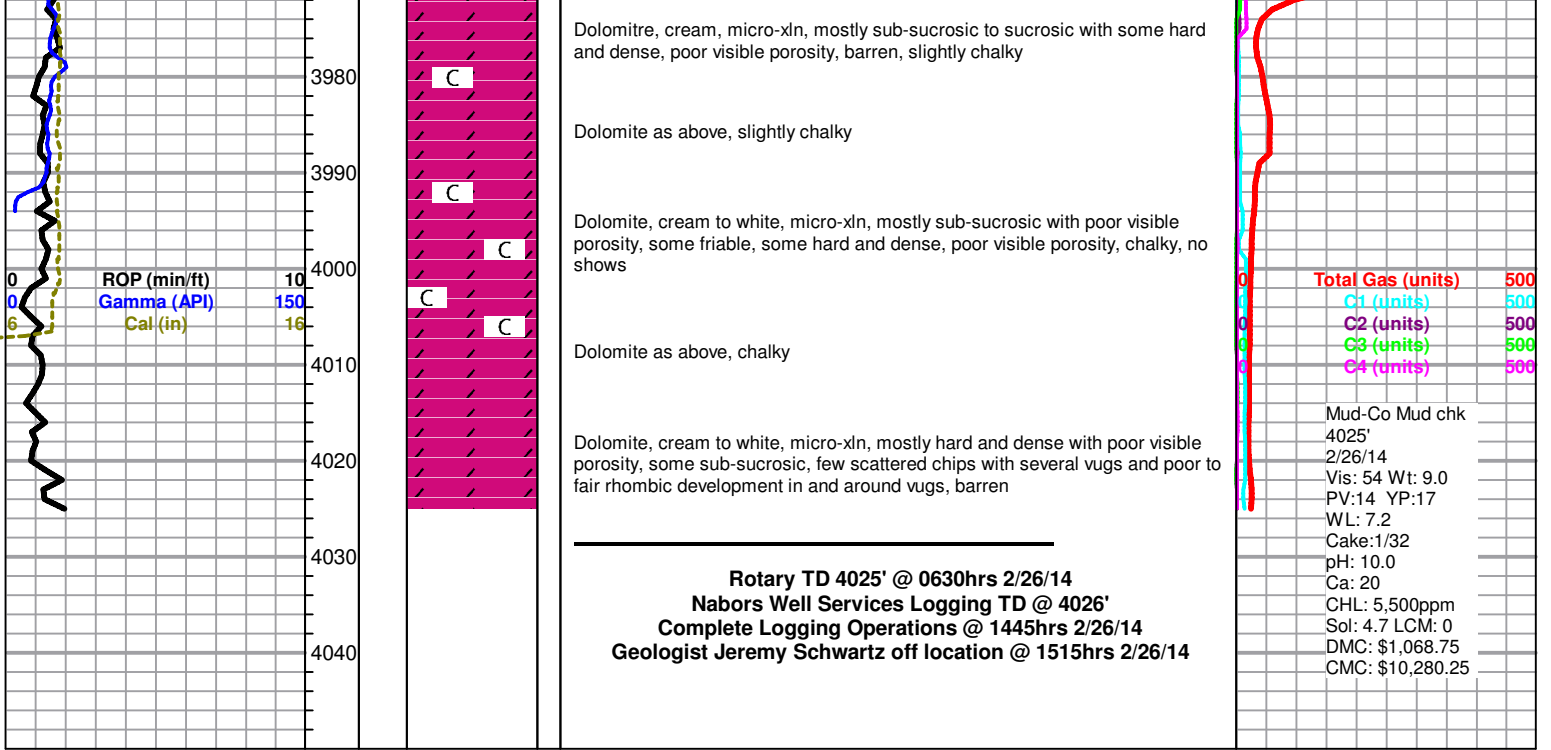
4

Total Gas (units) 200
C1 (units) 200
C2 (units) 200
C3 (units) 200
C4 (units) 200

Scale Change
Total Gas (units) 500
C1 (units) 500
C2 (units) 500
C3 (units) 500
C4 (units) 500

Trip Gas from DST #2

Mud-Co Mud chk
3912'
2/25/14
Vis: 68 Wt: 9.2
PV:16 YP:22
WL: 6.4
Cake:1/32
pH: 10.0
Ca: 20
CHL: 4,800ppm
Sol: 6.2 LCM: 0
DMC: \$990.95
CMC: \$9,211.50



Dolomite, cream, micro-xln, mostly sub-sucrosic to sucrosic with some hard and dense, poor visible porosity, barren, slightly chalky

3980

C

Dolomite as above, slightly chalky

3990

C

Dolomite, cream to white, micro-xln, mostly sub-sucrosic with poor visible porosity, some friable, some hard and dense, poor visible porosity, chalky, no shows

4000

C

C

C

Dolomite as above, chalky

4010

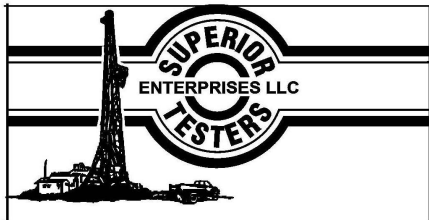
Dolomite, cream to white, micro-xln, mostly hard and dense with poor visible porosity, some sub-sucrosic, few scattered chips with several vugs and poor to fair rhombic development in and around vugs, barren

4020

4030

4040

Rotary TD 4025' @ 0630hrs 2/26/14
Nabors Well Services Logging TD @ 4026'
Complete Logging Operations @ 1445hrs 2/26/14
Geologist Jeremy Schwartz off location @ 1515hrs 2/26/14



DRILL STEM TEST REPORT

Shelby Resources LLC

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks, 67601

Fenwick #1-35

Job Ticket: 19203

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2014.02.22 @ 22:00:00

GENERAL INFORMATION:

Formation: **LKC "B-D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:21:00
 Time Test Ended: 05:00:30
 Interval: **3535.00 ft (KB) To 3563.00 ft (KB) (TVD)**
 Total Depth: 3535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor

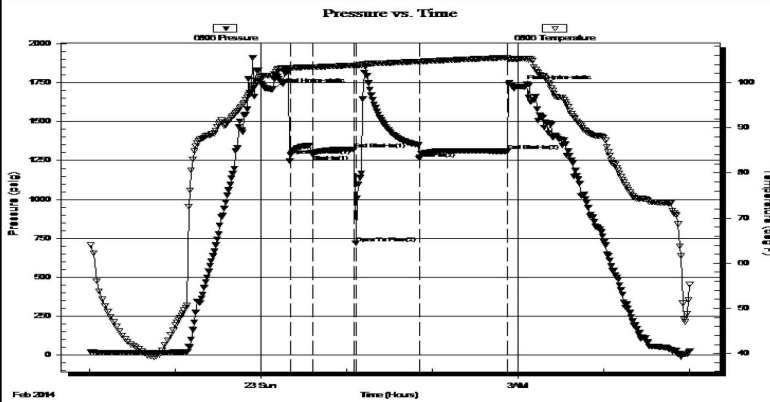
Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330/60/Great Bend
 Reference Elevations: 1988.00 ft (KB)
 1975.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6806

Inside

Press@RunDepth: 1263.28 psig @ 3559.00 ft (KB)
 Start Date: 2014.02.22 End Date: 2014.02.23
 Start Time: 22:00:00 End Time: 05:00:30
 Capacity: 5000.00 psig
 Last Calib.: 2014.02.23
 Time On Btm: 2014.02.23 @ 00:08:30
 Time Off Btm: 2014.02.23 @ 03:01:30

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow.
 1st Shut In/ 30 Minutes. No blow back.
 2nd Open/ 45 Minutes. No blow, flushed tool had good flush bubbles and gained a weak surface blow.
 2nd Shut In/ 60 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.76	101.56	Initial Hydro-static
13	1284.63	103.20	Open To Flow (1)
28	1285.31	103.44	Shut-In(1)
57	1323.34	103.84	End Shut-In(1)
58	717.41	103.72	Open To Flow (2)
103	1263.28	104.65	Shut-In(2)
164	1310.39	105.54	End Shut-In(2)
173	1726.18	105.29	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

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks, 67601

Fenwick #1-35

Job Ticket: 19204

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2014.02.24 @ 00:00:00

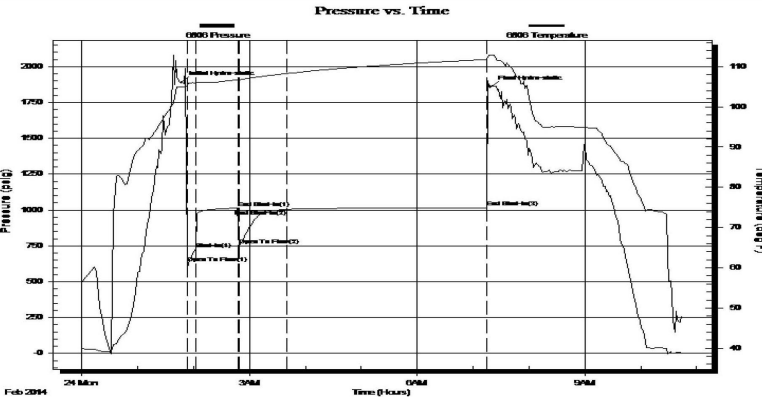


GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:53:00
 Time Test Ended: 10:44:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330/60/Great Bend
 Interval: **3774.00 ft (KB) To 3819.00 ft (KB) (TVD)**
 Total Depth: 3819.00 ft (KB) (TVD)
 Reference Elevations: 1988.00 ft (KB)
 1975.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 KB to GR/CF: 13.00 ft

Serial #: 6806 Inside
 Press@RunDepth: 726.90 psig @ 3815.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.24 End Date: 2014.02.24 Last Calib.: 2014.02.24
 Start Time: 00:00:00 End Time: 10:44:00 Time On Btm: 2014.02.24 @ 01:47:00
 Time Off Btm: 2014.02.24 @ 07:19:00

TEST COMMENT: 1st Open/ 10 Minutes. Strong blow built to bottom of 5 gallon bucket in 30 seconds.
 1st Shut In/ 45 Minutes. Blow back built to bottom of 5 gallon bucket. Gas to surface in 5 minutes.
 2nd Open/ 45 Minutes. Strong blow built to bottom of 5 gallon bucket in 30 seconds.
 2nd Shut In/ 90 Minutes. Oil to surface 5 minutes into shut in.



PRESSURE SUMMARY

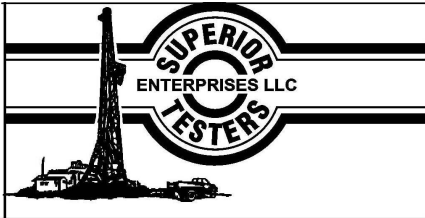
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.58	105.02	Initial Hydro-static
6	631.14	105.25	Open To Flow (1)
16	726.90	105.99	Shut-In(1)
61	1013.14	106.77	End Shut-In(1)
62	753.34	106.74	Open To Flow (2)
113	1004.62	108.26	End Shut-In(2)
328	1019.44	111.75	End Shut-In(3)
332	1858.84	112.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2772.00	100% Clean Gassy Oil.	35.88
0.00	Oil Gravity corrected to 41	0.00
0.00	reversed fluid out to a truck.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources LLC

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks, 67601

Fenwick #1-35

Job Ticket: 19205

DST#: 3

ATTN: Jeremy Schwartz

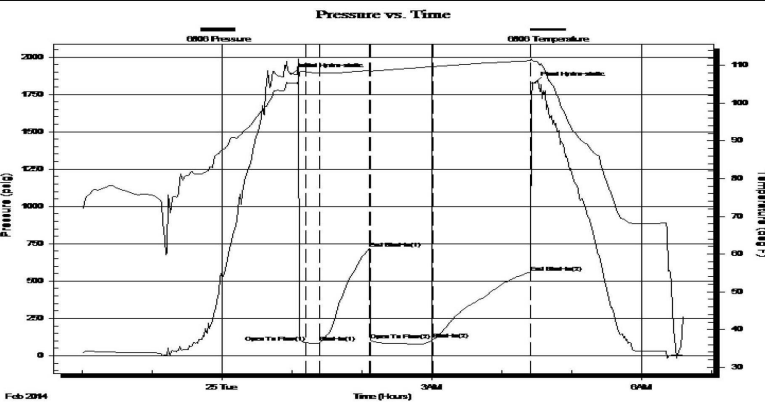
Test Start: 2014.02.24 @ 22:00:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:11:30
 Time Test Ended: 06:36:30
 Interval: **3857.00 ft (KB) To 3897.00 ft (KB) (TVD)**
 Total Depth: 3897.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330/60/Great Bend
 Reference Elevations: 1988.00 ft (KB)
 1975.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6806 Inside
 Press@RunDepth: 107.65 psig @ 3893.00 ft (KB)
 Start Date: 2014.02.24 End Date: 2014.02.25 Capacity: 5000.00 psig
 Start Time: 22:00:00 End Time: 06:36:30 Last Calib.: 2014.02.25
 Time On Btm: 2014.02.25 @ 00:59:30
 Time Off Btm: 2014.02.25 @ 04:27:30

TEST COMMENT: 1st Open/ 15 Minutes. Fair blow built to 1 1/2 inches into water.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 45 Minutes. Fair blow built to 4 inches into water.
 2nd Shut In/ 90 Minutes. No blow back.



PRESSURE SUMMARY

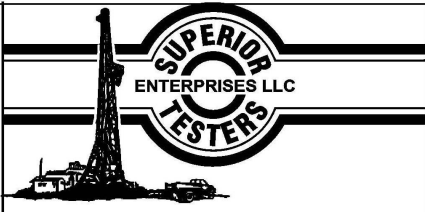
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1885.69	105.30	Initial Hydro-static
12	88.68	108.32	Open To Flow (1)
25	89.47	107.96	Shut-In(1)
67	718.17	108.64	End Shut-In(1)
68	104.67	108.51	Open To Flow (2)
122	107.65	109.70	Shut-In(2)
205	558.75	111.24	End Shut-In(2)
208	1825.76	111.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	20% Oil, 80% Mud	0.15

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources LLC

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks, 67601

Fenwick #1-35

Job Ticket: 19206

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2014.02.25 @ 12:20:00

GENERAL INFORMATION:

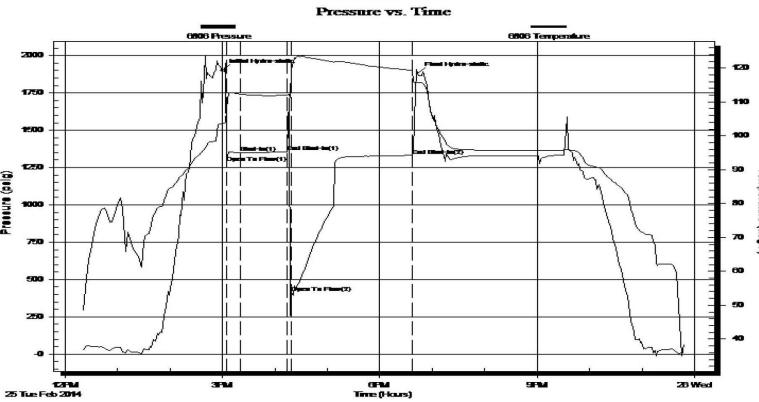
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:05:00
 Time Test Ended: 23:48:00
 Interval: **3924.00 ft (KB) To 3931.00 ft (KB) (TVD)**
 Total Depth: 3931.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/60/Great Bend
 Reference Elevations: 1988.00 ft (KB)
 1975.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6806

Inside

Press@RunDepth: 1348.66 psig @ 3927.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.25 End Date: 2014.02.26 Last Calib.: 2014.02.26
 Start Time: 12:20:00 End Time: 23:48:00 Time On Btm: 2014.02.25 @ 14:59:30
 Time Off Btm: 2014.02.25 @ 18:43:00

TEST COMMENT: 1st Open/ 15 Minutes. Weak blow built to 2 inches into bucket of deisel.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 45 Minutes. No blow, flushed tool and gained good blow to bottom of 5 gallon bucket of deisel.
 2nd Shut In/ 90 Minutes. Blow back built to 2 inches into bucket of deisel.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1902.31	103.68	Initial Hydro-static
6	1281.08	107.71	Open To Flow (1)
21	1348.66	112.27	Shut-In(1)
75	1352.46	111.97	End Shut-In(1)
80	408.70	119.68	Open To Flow (2)
217	1331.59	119.35	End Shut-In(2)
224	1882.89	115.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2709.00	Clean oil	35.00
0.00	reversed fluid to truck due to presence of H2S gas.	0.00
0.00	Oil corrected gravity was 42.	0.00

Gas Rates

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