



Scale 1:240 Imperial

Well Name: Nelson #1-27
 Surface Location: 687' FNL, 1932 'FEL, Sec. 27-18S-14W
 Bottom Location:
 API: 15-009-26103-0000
 License Number:
 Spud Date: 7/1/2015 Time: 9:15 AM
 Region: Barton County
 Drilling Completed: 7/8/2015 Time: 12:55 AM
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 1901.00ft
 K.B. Elevation: 1912.00ft
 Logged Interval: 2900.00ft To: 3550.00ft
 Total Depth: 3550.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC
 Address: 621 17th St, Suite 1155
 Denver, CO 80293
 Contact Geologist: Janine Sturdavant
 Contact Phone Nbr: 303-907-2209 / 720-274-4682
 Well Name: Nelson #1-27
 Location: 687' FNL, 1932 'FEL, Sec. 27-18S-14W
 API: 15-009-26103-0000
 Pool:
 State: Kansas Field: Wildcat
 Country: USA

LOGGED BY



Company: Shelby Resources, LLC
 Address: 621 17th St. Suite 1150
 DENVER, CO. 80293
 Phone Nbr: 203-671-6034
 Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC Nelson #1-27 was drilled to a total depth of 3550', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

Four 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 DST Results, sample shows, gas kicks, and log analysis it was determined by all parties involved to further test the well through production casing. The dry samples were saved and will be available for further review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

NOTE The Elog tops are approximately 2' higher to the drill time and all DST's should be adjusted accordingly

Respectfully Submitted,
Jeremy Schwartz
Geologist

CONTRACTOR

Contractor: Studier Drilling Co.

Contractor: Sterling Drilling Co
 Rig #: 4
 Rig Type: mud rotary
 Spud Date: 7/1/2015
 TD Date: 7/8/2015
 Rig Release:

Time: 9:15 AM
 Time: 12:55 AM
 Time:

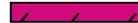
ELEVATIONS

K.B. Elevation: 1912.00ft Ground Elevation: 1901.00ft
 K.B. to Ground: 11.00ft

FORMATION	L.D. DRILLING												D&A										
	NELSON #1-27						POLZIN-FLYER UNIT #1-22						SHELBY RESOURCES, LLC										
	SE SW SE SW 22-T185-R14W						LORETTA POLZIN TRUST #1-22						H-P UNIT #1-22										
	SE SW NE SW 22-T185-R14W						SE SW NE SW 22-T185-R14W						SE SE SW NW 22-T185-R14W										
KB		1912				KB		1912				KB		1916				KB		1929			
LOG TOPS		SAMPLE TOPS				COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.	
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.		
ANHYDRITE TOP	850	1062	850	1062	859	1053	+	9	+	9	856	1060	+	2	+	2		875	1054	+	8	+	8
BASE	879	1033	887	1025	887	1025	+	8	+	0	882	1034	-	1	-	9		900	1029	+	4	-	4
TOPEKA	2881	-969	2884	-972	2879	-967	-	2	-	5	2878	-962	-	7	-	10		2903	-974	+	5	+	2
HEEBNER SHALE	3098	-1186	3098	-1186	3095	-1183	-	3	-	3	3092	-1176	-	10	-	10		3118	-1189	+	3	+	3
TORONTO	3110	-1198	3113	-1201	3108	-1196	-	2	-	5	3100	-1184	-	14	-	17		3128	-1199	+	1	-	2
DOUGLAS SHALE	3126	-1214	3128	-1216	3120	-1208	-	6	-	8	3114	-1198	-	16	-	18		3140	-1211	-	3	-	5
BROWN LIME	3177	-1265	3180	-1268	3174	-1262	-	3	-	6	3167	-1251	-	14	-	17		3192	-1263	-	2	-	5
LKC	3188	-1276	3191	-1279	3188	-1276	+	0	-	3	3176	-1260	-	16	-	19		3202	-1273	-	3	-	6
LKC G	3272	-1360	3271	-1359	3258	-1346	-	14	-	13	3249	-1333	-	27	-	26		3273	-1344	-	16	-	15
MUNCIE CREEK	3310	-1398	3313	-1401	3311	-1399	+	1	-	2	3307	-1391	-	7	-	10		3338	-1409	+	11	+	8
LKCH	3316	-1404	3318	-1406	3317	-1405	+	1	-	1	3313	-1397	-	7	-	9		3340	-1411	+	7	+	5
STARK SHALE	3366	-1454	3368	-1456	3366	-1454	+	0	-	2	3363	-1447	-	7	-	9		3388	-1459	+	5	+	3
BKC	3394	-1482	3396	-1484	3396	-1484	+	2	+	0	3390	-1474	-	8	-	10		3414	-1485	+	3	+	1
CONGLOMERATE	3400	-1488	3403	-1491	3400	-1488	+	0	-	3	3395	-1479	-	9	-	12		3420	-1491	+	3	+	0
ARBUCKLE	3424	-1512	3426	-1514	3426	-1514	+	2	+	0	3424	-1508	-	4	-	6		3469	-1540	+	28	+	26
RTD			3550	-1638	3535	-1623				15	3550	-1634				4		3550	-1621				17
LTD	3549	-1637			3538	-1626	-	11			3549	-1633	-	4				3552	-1623	-	14		

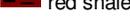
DATE	DEPTH	ACTIVITY
Saturday, July 04, 2015	3050'	Geologist Jeremy Schwartz on location @ 0230hrs, ~3000', Drlg ahead through
	3181'	Heebner, Toronto, Douglas Shale, Brown Lime, CFS @ 3181', Drop Survey, Strap Out,
		Conduct Bit Trip, Swap PDC out for Button Bit, Resume Drlg ahead through Lansing,
		CFS @ 3260', Conduct DST #1 in the Lansing "A-F"
Sunday, July 05, 2015	3260'	Misrun on DST as tool would not close for shut-in, Resume Drlg ahead through
		Lansing, CFS @ 3398', Resume Drlg, CFS @ 3432', Resume Drlg, CFS @ 3438',
	3438'	Conduct DST #2 in the Arbuckle,
Monday, July 06, 2015	3444'	Successful Test, Drlg ahead, CFS @ 3444', Conduct DST #3, Successful Test,
		Resume Drlg, CFS @ 3452', Resume Drlg, CFS @ 3458', Conduct DST #4
Tuesday, July 07, 2015	3458'	Successful Test, Drlg ahead, CFS @ 3465', Resume Drlg ahead, CFS @ 3472', Resume
	3480'	Drlg ahead, Pump Clutch went out, TOH to surface and repair, Resume Drlg to TD
Wednesday, July 08, 2015	3550'	TD of 3550' reached @ 0055hrs, CTCH 1hr, OOH, Conduct Logging Operations
		Logging Operations Complete @ 0800hrs
		Geologist Jeremy Schwartz off location @ 0900hrs

ROCK TYPES

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

ACCESSORIES

FOSSIL
 F Fossils < 20%

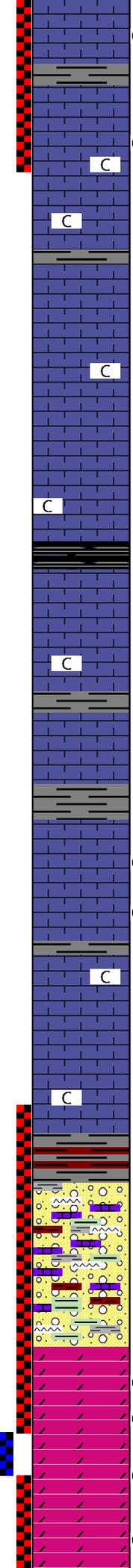
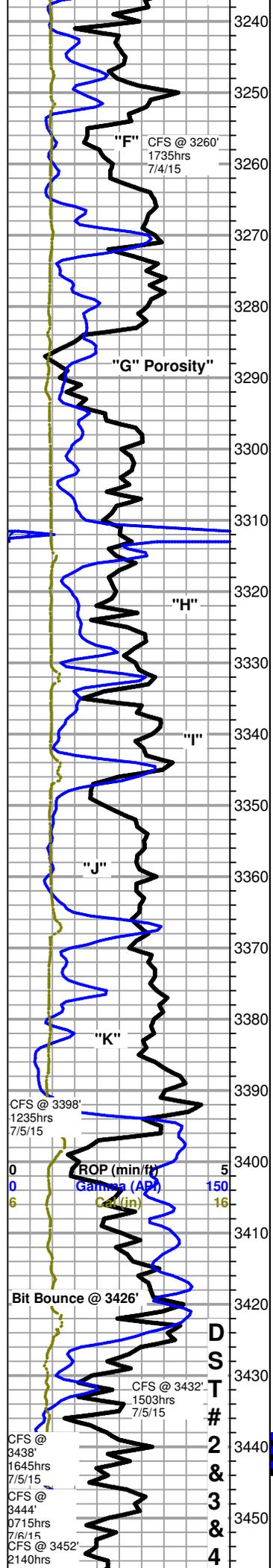
STRINGER
 Chert
 Limestone
 Shale
 green shale
 red shale

TEXTURE
 C Chalky

OTHER SYMBOLS

MISC
 Daily Report
 Digital Photo

DST
 DST Int
 DST alt



~3240' LS, cream to light gray, micro-xln, mostly lithographic and dense with poor visible porosity, few very scattered chips sub-oolitic to oolitic, several chips with very scattered poor inter-oolite stain, NSFO upon break, no odor

3260' 30" LS, cream to white with some scattered light gray, micro-xln, mostly lithographic and dense with poor visible porosity, some with scattered pinpoint porosity to slightly vuggy edges with scattered stain mostly in and around porosity only with slight show gas bubbles in few chips, few small chips fairly vuggy, some also soft and chalky in part, upon break SSFO from few chips, NSFO in tray, fair fleeting odor

3260' 60" Mostly same as above, with slightly less shows and slight influx soft and chalky in part, NSFO, poor odor

LS, cream, micro-crypto xln, lithographic and dense with poor visible porosity, no show or odor

LS as above, no show or odor

"G" Porosity

LS, cream to light gray, micro-xln, some lithographic, some sub-oomoldic, dense with poor visible porosity, slightly chalky, no show or odor

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

Muncie Creek 3313 (-1401)
Shale, black carbonaceous

LS, cream to gray with some scattered brown, micro-xln, lithographic and dense with poor visible porosity, some very scattered sub-oomoldic, slightly chalky, no show or odor

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

LS, cream to gray with some brown, micro-xln, lithographic and dense with poor visible porosity, some very scattered sub-oomoldic with trace sub-oolitic, dense with poor visible porosity, no show or odor

LS, cream to gray, micro-xln, lithographic and dense with poor visible porosity, trace chips with very slight edge pinpoint porosity with slight poor brown stain in porosity only, NSFO, no odor

LS as above, few very scattered chips with shows as above, one chip with several small edge vugs, NSFO, poor fleeting odor

LS, cream to gray with some very scattered brown, micro-xln, lithographic and dense with poor visible porosity, some scattered soft and chalky in part, slightly chalky, no show or odor

LS as above, no show or odor

B/KC 3396 (-1484)
LS, mostly cream with some scattered gray, micro-xln, lithographic and dense with poor visible porosity, some soft and chalky in part, also with some gray and red shale with trace green, no show or odor

Mixed cream to gray LS, scattered gray and red shales, and some very scattered orange to red cherts, slight red wash, no show or odor

Shelby Nelson 1-27 dst2.jpg

Shelby Nelson 1-27 dst3.jpg

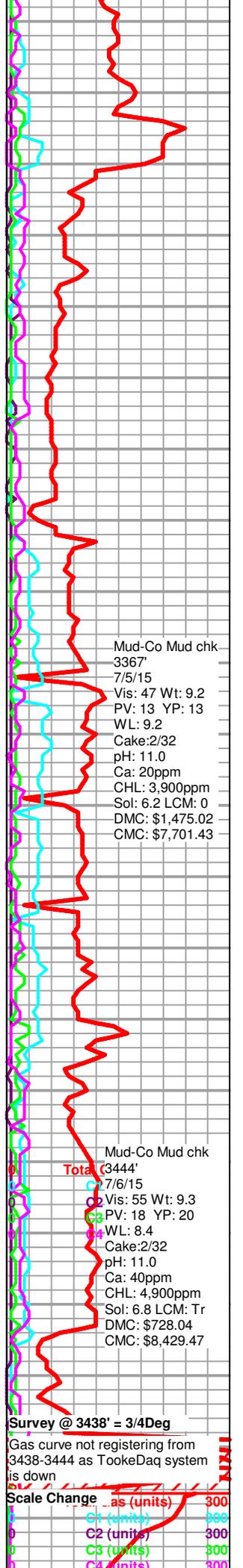
Shelby Nelson 1-27 dst4.jpg

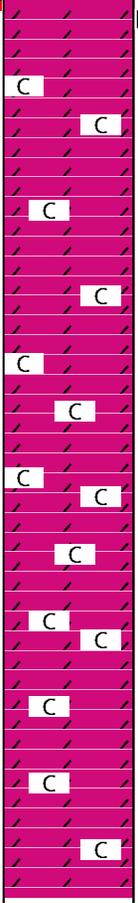
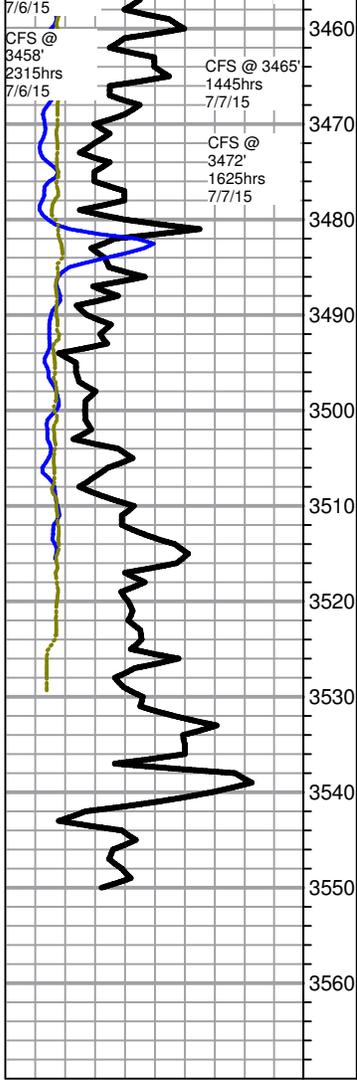
Arbuckle 3426 (-1514)
3432' 30" conglomerate with some very scattered dolomite, cream to white, micro-xln with trace med-xln, some fairly friable and barren with poor visible porosity, few scattered chips sub-sucrosic with some scattered sub-rhombic development and poor to fair visible porosity with very scattered to scattered stain, upon break few chips have slight to fair show free oil, NSFO in tray, fair odor

3432' 60" Mostly same as above, with slight influx dolomite, white, micro-xln, sub-sucrosic with some scattered sub-rhombic, poor to fair visible inter-xln porosity, some barren, some with scattered stain as above with slight to fair show free oil upon break, NSFO in tray, fair odor

3438' 30" Dolomite, white, micro-xln, sub-sucrosic to sucrosic and mostly sub-rhombic, some with scattered poor to fair visible inter-xln porosity, some dense, some fairly friable, most with scattered to very scattered stain, some scattered barren, upon break some chips have slight to fair show free oil, NSFO in tray, good odor

3438' 60" Mostly same as above, NSFO, fair odor





3444' 60" Dolomite, white, micro-xln, some sub-sucrosic and dense with poor visible porosity, some scattered sub-rhombic with poor to fair visible inter-xln porosity with scattered to very scattered stain, upon break slight to fair show free oil, also with abundant conglomerate (sluffing from above?), NSFO in tray, poor odor

3452' 60" Dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, mostly barren, some very scattered with scattered to very scattered stain and poor to fair visible porosity, with abundant shale/conglomerate, NSFO, no odor

3458' 30" Dolomite, white, micro-med xln, sub-sucrosic with some scattered sucrosic, mostly sub-rhombic, fairly friable, mostly barren, with some scattered chips with scattered to very scattered stain and poor to fair visible porosity, upon break slight to fair show free oil, (sample cleaned up and is mostly dolomite)NSFO in tray, poor odor

3458' 60" Mostly same as above, with some very scattered with slight gilsonitic stain, (very fine crushed up sample with some conglomerate/shale)NSFO, poor odor

3465' 30" Dolomite, white, micro-xln, sub-sucrosic to sucrosic with some scattered sub-rhombic, most fairly dense and barren, some very scattered with very scattered stain and poor to fair visible porosity, fairly friable, upon break some have SSFO, NSFO in tray, poor odor

3465' 60" Mostly same as above, trace with very scattered stain, poor visible porosity, NSFO, poor odor

3472' 30" Dolomite, white, micro-xln, mostly sub-sucrosic and fairly dense with poor visible porosity, some scattered sub-rhombic, slightly chalky, no shows or odor

3472' 60" Dolomite as above, slightly chalky, no show or odor

~3480' Dolomite, white, micro-xln, sub-sucrosic and fairly dense with poor visible porosity, some very scattered sub-rhombic, slightly chalky, no show or odor

~3490' Dolomite as above, with some scattered pyrite, slightly chalky, no show or odor

~3500' Dolomite, white, micro-xln, sub-sucrosic and fairly dense with poor visible porosity, fairly chalky, no show or odor

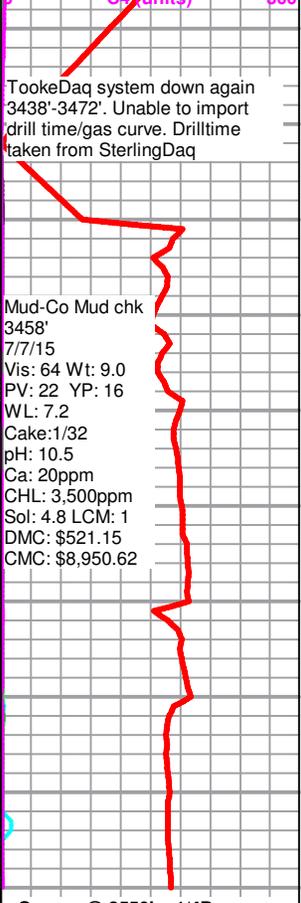
~3510' As above, fairly chalky, no show or odor

~3520' Dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, fairly chalky, no show or odor

~3530' Dolomite as above, slightly chalky, no show or odor

~3550' 30" Dolomite, cream to white, micro-xln, sub-sucrosic and dense with poor visible porosity, slightly chalky, no show or odor

3550' 60" Dolomite as above, slightly chalky, no show or odor



TookeDaq system down again 3438'-3472'. Unable to import drill time/gas curve. Drilltime taken from SterlingDaq

Mud-Co Mud chk
3458'
7/7/15
Vis: 64 Wt: 9.0
PV: 22 YP: 16
WL: 7.2
Cake: 1/32
pH: 10.5
Ca: 20ppm
CHL: 3,500ppm
Sol: 4.8 LCM: 1
DMC: \$521.15
CMC: \$8,950.62

Survey @ 3550' = 1/4Deg

Rotary TD 3550' @ 0055hrs 7/8/15
Nabors Well Services Logging TD @ 3549'
Complete Logging Operations @ 0800hrs 7/8/15
Geologist Jeremy Schwartz off location @ 0900hrs 7/8/15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shelby Resources LLC.
 2717 Canal BLVD
 Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

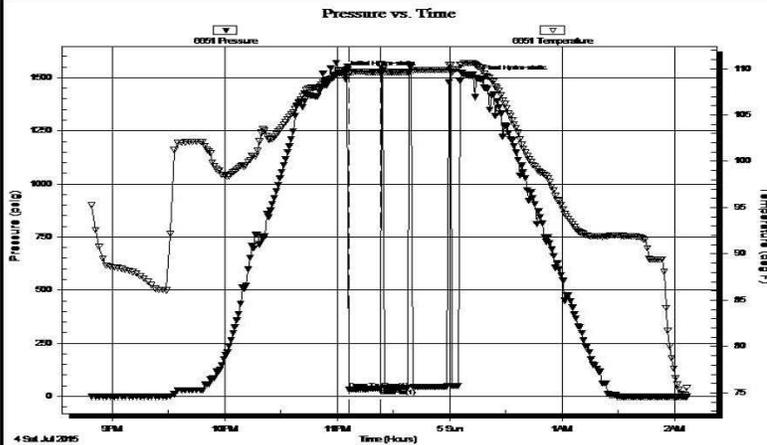
27/18s/14w/Barton
Nelson #1-27
 Job Ticket: 62003 **DST#: 1**
 Test Start: 2015.07.04 @ 20:48:00

GENERAL INFORMATION:

Formation: **Lansing "A-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:06:30
 Time Test Ended: 02:06:30
 Interval: **3185.00 ft (KB) To 3260.00 ft (KB) (TVD)**
 Total Depth: 3260.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 56/30/Great Bend
 Reference Elevations: 1912.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6651 Inside
 Press@RunDepth: psig @ 3256.35 ft (KB)
 Start Date: 2015.07.04 End Date: 2015.07.05
 Start Time: 20:49:00 End Time: 02:06:30
 Capacity: 8000.00 psig
 Last Calib.: 2015.07.05
 Time On Btm: 2015.07.04 @ 23:03:30
 Time Off Btm: 2015.07.05 @ 00:14:00

TEST COMMENT: 1st Open/ 15 Minutes. Weak surface blow .
 1st Shut In/ Unable to shut in due to it not being able to turn freely in hole. Pulled test per geo.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.63	109.87	Initial Hydro-static
3	32.85	109.43	Open To Flow (1)
20	36.61	109.62	Shut-In(1)
71	1498.85	110.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud	0.02

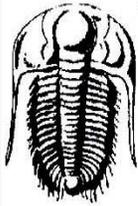
Gas Rates

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

DRILL STEM TEST REPORT

Shelby Resources LLC.
 2717 Canal BLVD
 Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

27/18s/14w/Barton
Nelson #1-27
 Job Ticket: 62004 **DST#: 2**
 Test Start: 2015.07.05 @ 19:45:00



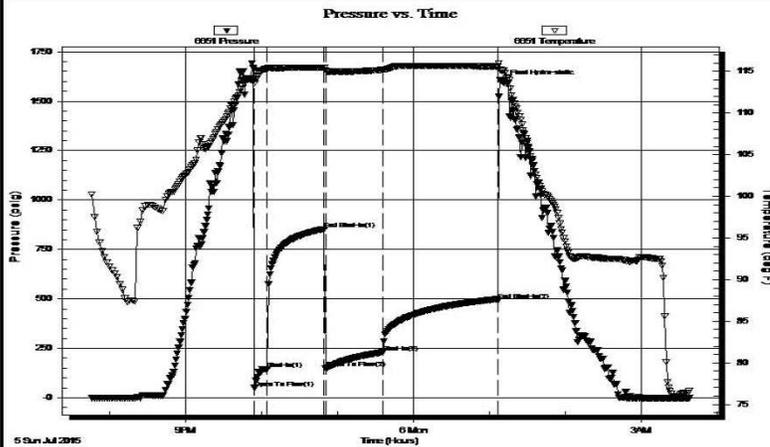
TRILOBITE TESTING, INC.

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3392.00 ft (KB) To 3438.00 ft (KB) (TVD)**
 Total Depth: 3438.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 56/30/Great Bend
 Reference Elevations: 1912.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6651 Inside
 Press@RunDepth: 490.77 psig @ 3434.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.05 End Date: 2015.07.06 Last Calib.: 2015.07.06
 Start Time: 19:46:00 End Time: 03:37:30 Time On Btm: 2015.07.05 @ 21:49:30
 Time Off Btm: 2015.07.06 @ 01:10:30

TEST COMMENT: 1st Open/ 10 minutes. Good blow built to bottom of 5 gallon bucket in 4 minutes and 15 seconds.
 1st Shut In/ 45 minutes. Blow back built to 1 inch in 30 minutes then backed down to 1/2 inch by end of shut in
 2nd Open/ 45 minutes. Good blow built to bottom of 5 gallon bucket in 5 minutes and 30 seconds.
 2nd Shut In/ 90 minutes. Weak surface blow back that died at 30 minutes.



PRESSURE SUMMARY

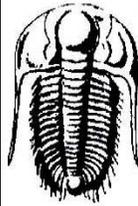
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.45	113.97	Initial Hydro-static
5	50.18	113.60	Open To Flow (1)
15	146.04	115.26	Shut-In(1)
60	853.70	115.45	End Shut-In(1)
61	149.18	115.12	Open To Flow (2)
106	230.02	115.20	Shut-In(2)
197	490.77	115.60	End Shut-In(2)
201	1594.69	115.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	252 feet gas in pipe.	0.00
597.00	100% Clean gassy oil	6.10
63.00	Mud cut oil	0.88
0.00	10% mud, 90% oil.	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shelby Resources LLC.
 2717 Canal BLVD
 Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

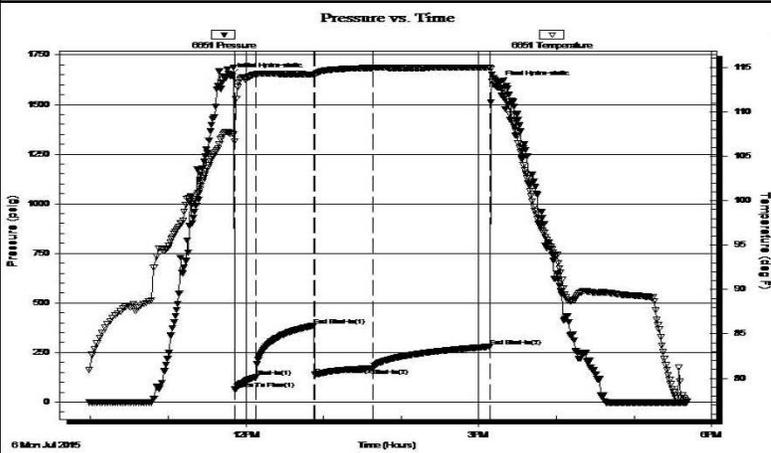
27/18s/14w/Barton
Nelson #1-27
 Job Ticket: 62005 **DST#: 3**
 Test Start: 2015.07.06 @ 09:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:51:30
 Time Test Ended: 17:41:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 56/30/Great Bend
 Interval: **3438.00 ft (KB) To 3444.00 ft (KB) (TVD)**
 Total Depth: 3444.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 1912.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6651 Inside
 Press@RunDepth: 171.29 psig @ 3440.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.06 End Date: 2015.07.06 Last Calib.: 2015.07.06
 Start Time: 09:59:00 End Time: 17:41:00 Time On Btm: 2015.07.06 @ 11:48:30
 Time Off Btm: 2015.07.06 @ 15:15:00

TEST COMMENT: 1st Open/ 15 Minutes. Good blow built to bottom of 5 gallon bucket in 2 minutes and 45 seconds.
 1st Shut In/ 45 Minutes. Blow back built to 4 inches into water.
 2nd Open/ 45 minutes. Good blow built to bottom of bucket in 6 minutes and 30 seconds.
 2nd Shut In/ 90 Minutes. Weak surface blow that died at 30 minutes.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.18	107.55	Initial Hydro-static
3	66.30	106.67	Open To Flow (1)
19	125.49	114.20	Shut-In(1)
64	385.91	114.20	End Shut-In(1)
65	137.35	114.14	Open To Flow (2)
110	171.29	114.94	Shut-In(2)
200	279.87	114.99	End Shut-In(2)
207	1607.34	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	189 feet Gas in Pipe.	0.00
504.00	100% Clean gassy oil	4.80

Gas Rates

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

DRILL STEM TEST REPORT

Shelby Resources LLC.
 2717 Canal BLVD
 Suite C
 Hays Ks, 67601
 ATTN: Jeremy Schwartz

27/18s/14w/Barton
Nelson #1-27
 Job Ticket: 62006 **DST#: 4**
 Test Start: 2015.07.07 @ 01:55:00



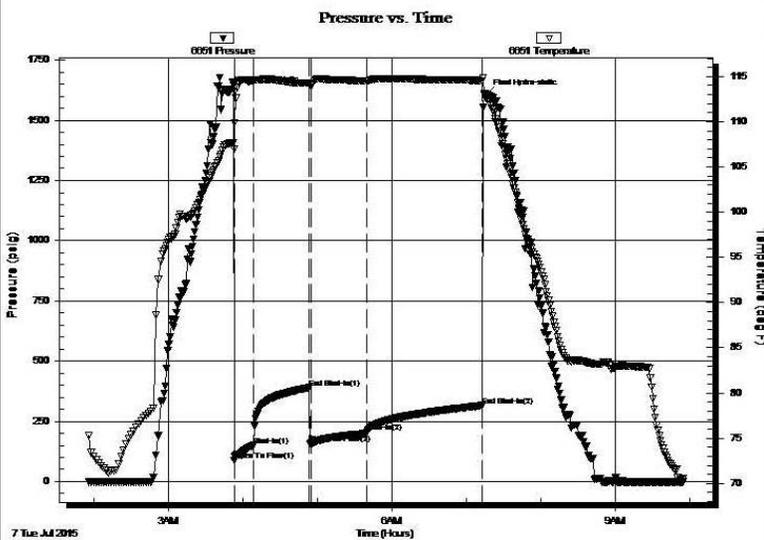
TRILOBITE TESTING, INC

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:53:00
 Time Test Ended: 09:55:00
 Interval: **3444.00 ft (KB) To 3458.00 ft (KB) (TVD)**
 Total Depth: 3458.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 56/30/Great Bend
 Reference Elevations: 1912.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6651 Inside
 Press@RunDepth: 204.50 psig @ 3454.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.07 End Date: 2015.07.07 Last Calib.: 2015.07.07
 Start Time: 01:56:00 End Time: 09:55:00 Time On Btm: 2015.07.07 @ 03:47:30
 Time Off Btm: 2015.07.07 @ 07:16:30

TEST COMMENT: 1st Open/ 15 Minutes. Good blow built to bottom of 5 gallon bucket in 2 minutes and 10 seconds.
 1st Shut In/ 45 minutes. Blow back built to 2 inches.
 2nd Open/ 45 Minutes. Good blow built to bottom of 5 gallon bucket in 8 minutes and 20 seconds.
 2nd Shut In/ 90 Minutes. Weak surface blow back that died at 25 minutes.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1618.50	107.54	Initial Hydro-static
6	88.19	106.96	Open To Flow (1)
21	149.86	114.57	Shut-In(1)
66	389.77	114.29	End Shut-In(1)
68	157.80	114.10	Open To Flow (2)
113	204.50	114.52	Shut-In(2)
205	315.08	114.54	End Shut-In(2)
209	1605.74	112.51	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	189 Gas in pipe	0.00
378.00	100% Clean gassy oil	3.03
126.00	Gassy mud cut oil	1.77
0.00	20% gas, 30% mud, 50% oil	0.00

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