	S	>	
	Scale 1:240 Imp	oerial	
Well Name: Surface Location: Bottom Location:	Nancy #5-17 789' FNL, 1538' FWL, Sec	:. 17-17S-13W	
API:	15-009-26163-0000		
License Number: Spud Date: Region:	2/10/2017 Barton County	Time:	6:00 PM
Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	2/17/2017	Time:	10:30 AM
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation:	1961.00ft 1972.00ft 2800.00ft 3540.00ft Lansing Kansas City	To:	3540.00ft
Drilling Fluid Type:	Chemical/Fresh Water Ge	l	
Company: Address: Contact Geologist: Contact Phone Nbr: Well Name: Location: API:	OPERATOI Shelby Resources, LLC 621 17th St, Suite 1155 Denver, CO 80293 Janine Sturdavant 303-907-2209 / 720-274-44 Nancy #5-17 789' FNL, 1538' FWL, Sec 15-009-26163-0000	682	
Pool: State:	Kansas	Field: Country:	Trapp USA
		Y	
Company: Address:	Shelby Resources, LLC 621 17th St, Suite 1155 Denver, CO 80293		
Phone Nbr: Logged By:	203-671-6034 Geologist	Name:	Jeremy Schwartz

NOTES

The Shelby Resources, LLC Nancy #5-17 was drilled to a total depth of 3540', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

Five 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 furthur review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted, Jeremy Schwartz Geologist

Contractor:

Rig #: 5 Rig Type: mud rotary Spud Date: 2/10/2017 TD Date: 2/17/2017 Rig Release:

Time: 6:00 PM Time: 10:30 AM Time:

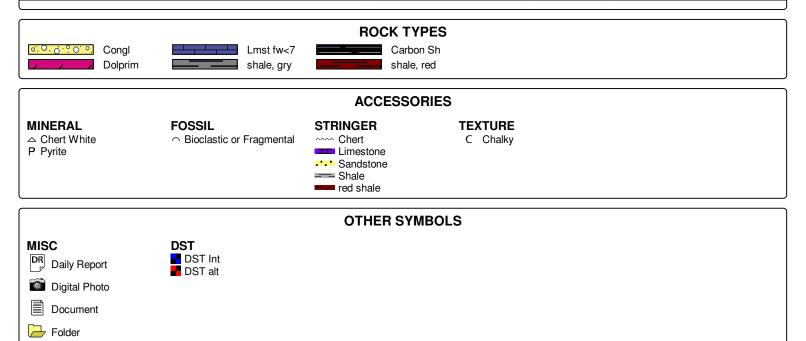
ELEVATIONS

K.B. Elevation: 1972.00ft K.B. to Ground: 11.00ft Ground Elevation:

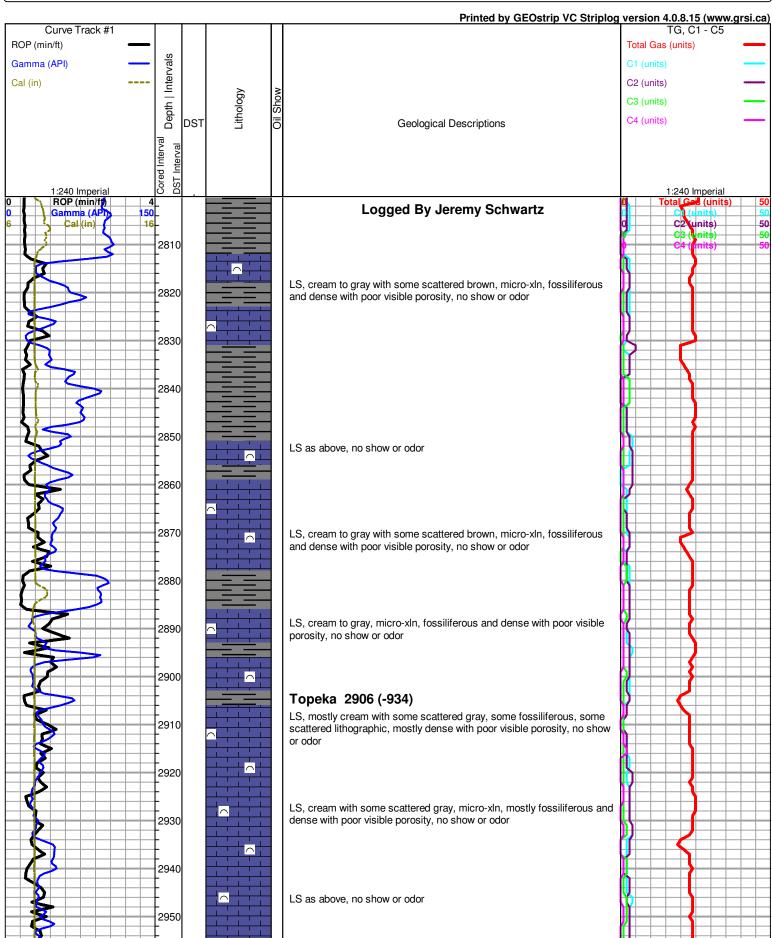
1961.00ft

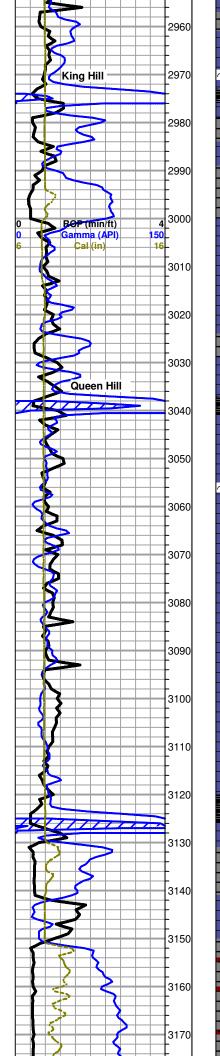
DATE	DEPTH	ΑĊΤΙVITY
Monday, February 13, 2017	3050'	Geologist Jeremy Schwartz on location @1245hrs, ~3050', drlg ahead through
		Heebner, Toronto, Douglas, Brown Lime, CFS @ 3208', drop survey
	3208'	Strap out, conduct bit trip, successful bit trip, resume drlg ahead through Lansing,
Tuesday, February 14, 2017	3276'	CFS @ 3276', conduct DST #1 in the Lansing "A-D", successful test, resume drlg
	3296'	through Lansing "G", CFS @ 3296', resume drlg
Wednesday, February 15, 2017	3431'	CFS @ 3431', conduct DST #2 in the Lansing "H-K", successful test, resume drlg,
	3450'	CFS @ 3443', resume drlg, CFS @ 3450', conduct DST #3 in the Arbuckle
Thursday, February 16, 2017	3456'	successful test, CFS @ 3456', conduct DST #4 in the Arbuckle, successful test
	3463'	resume drlg, CFS @ 3463', conduct DST #5 in the Arbuckle, succesful test,
Wednesday, February 17, 2016	3463'	resume drig ahead to TD, TD of 3540' reached @ 1030hrs, CTCH 1hr, drop survey
	3540'	come out of the hole to conduct logging operations, logging operations
		complete @ 1700hrs, Geologist Jeremy Schwartz off location @ 1715hrs

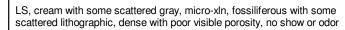
					17							D	&A									
					~	SHELBY RE	SOUR	FS 11	r		ENERGY THREE, INC					SHELBY RESOURCES, LLC						
		NANC	Y #5-17		-		Y #1-1			CREST TRUST #1					NANCY #3-17							
	NM	-SW-NE-N		3W	0	-N/2-SW-N			w	-	Ň	/2-N/2-SE-N			3W	-	N	E-SW-SE-NV			W	_
	КВ		1972		КВ	1		992			КВ			961			КВ	T	5 m (1997)	978	0.075	
	LOG	TOPS	SAMPL	E TOPS	COMI	. CARD	LC	G	SN	APL.	COMI	. CARD	L)G	SM	PL.	COMP	CARD	L	06	SN	APL.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CO	RR.	CO	RR.	DEPTH	DATUM	CO	RR.	CO	RR.	DEPTH	DATUM	CC	RR.	CC	RR.
ANHYDRITE TOP	908	1064	909	1063	928	1064	+	0		1	898	1063	+	1	+	0	916	1062	+	2	+	1
BASE	934	1038	937	1035	956	1036	+	2	325	1	926	1035	+	3	+	0	944	1034	+	4	+	1
TOPEKA	2906	-934	2906	-934	2920	-928	-	6		6	2895	-934	+	0	+	0	2912	-934	+	0	+	0
KING HILL	2973	-1001	2972	-1000	2986	-994		7		6	2962	-1001	+	0	+	1	2978	-1000	-	1	+	0
QUEEN HILL	3037	-1065	3036	-1064	3050	-1058	10	7	1	6	3025	-1064	-	1	+	0	3042	-1064	-	1	+	0
HEEBNER SHALE	3124	-1152	3120	-1148	3138	-1146	-	6	2.45	2	3113	-1152	+	0	+	4	3129	-1151		1	+	3
TORONTO	3142	-1170	3142	-1170	3156	-1164	-	6	100	6	3132	-1171	*	1	+	1	3144	-1166	10	4	-	4
DOUGLAS SHALE	3151	-1179	3150	-1178	3166	-1174	-	5	02	4	3141	-1180	+	1	+	2	3157	-1179	+	0	+	1
BROWN LIME	3205	-1233	3205	-1233	3218	-1226		7	1	7	3196	-1235	+	2	+	2	3212	-1234	+	1	+	1
LKC	3214	-1242	3214	-1242	3228	-1236	-	6	142	6	3210	-1249	+	7	+	7	3219	-1241		1	-	1
LKC G	3289	-1317	3290	-1318	3300	-1308		9	8	10	3277	-1316	÷	1		2	3292	-1314		3	-	4
MUNCIE CREEK	3340	-1368	3341	-1369	3354	-1362	1	6	95	7	3328	-1367	÷	1		2	3344	-1366	-	2		3
LKC H	3346	-1374	3348	-1376	3361	-1369	5	5	1	7	3336	-1375	+	1	1	1	3349	-1371	-	3	-	5
STARK SHALE	3402	-1430	3403	-1431	3413	-1421	1	9	3 4 8	10	3387	-1426	1	4		5	3402	-1424	1	6	-	7
BKC	3424	-1452	3425	-1453	3438	-1446	-	6	- 20	7	3415	-1454	*	2	+	1	3429	-1451	10	1	-	2
ARBUCKLE	3436	-1464	3441	-1469	3476	-1484	+	20	+	15	3443	-1482	+	18	+	13	3455	-1477	+	13	+	8
RTD			3540	-1568	3539	-1547			10	21	3475	-1514				54	3525	-1547			-	21
LTD	3540	-1568			3537	-1545	-	23			3474	-1513	- 4	55			3528	-1550	1.	18		











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

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

LS as above, no show or odor

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LS, cream to light gray, micro-xln, fossiliferous and dense with poor visible porosity, with some very scattered cream, crytpo-xln, lithographic and dense with poor visible porosity, no show or odor

LS, cream, micro-xln, mostly lithographic and dense with poor visible porosity, few very small chips with re-crystalized edges and poor wet to tarry black stain on edges only, poor visible porosity, NSFO, no odor

LS, cream, micro-xln, mostly lithographic with some scattered fossiliferous, poor visible porosity, some scattered soft and chalky in part, fairly chalky sample, no show or odor

Heebner 3120 (-1148)

Shale, black carbonaceous

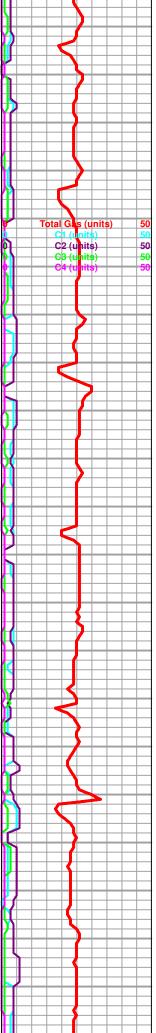
Toronto 3142 (-1170)

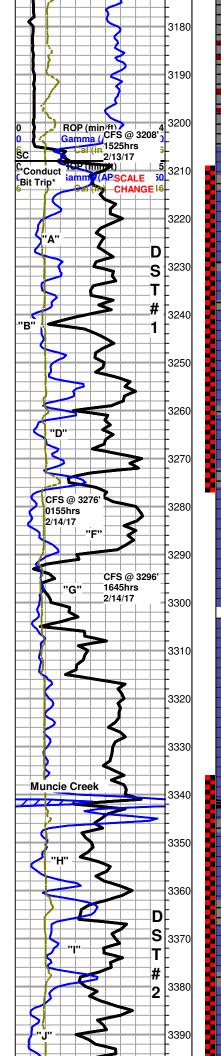
LS, cream with some scattered tan to white, micro-crypto xln, mostly lithographic and dense with poor visible porosity, slightly chalky, no show or odor

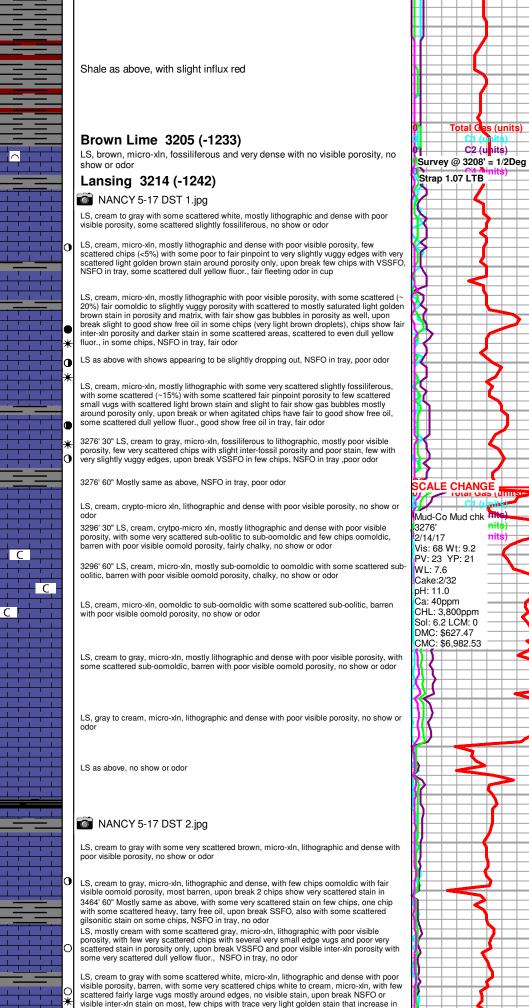
Douglas Shale 3150 (-1178)

Shale, mostly gray with some very scattered red, mostly soft and waxy

Shale as above







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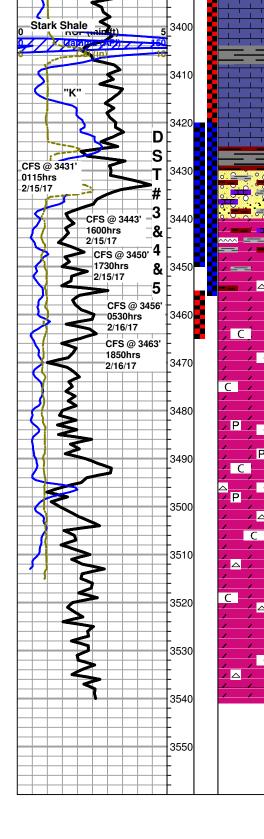
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slow cut with lighter fluid with milky white fluor., fair show gas bubbles in wet tray, NSFO, poor odor LS, cream to gray, micro-xln, lithographic and dense with poor visible porosity, barren, with few very scattered chips with one to two small vugs and show of gas bubbles as above,

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color and saturation under lamp for several minutes, chips with dull fluor., and very weak



NSFO in tray, no flour., no odor

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LS, cream to gray with some very scattered white, micro-xln, lithographic and dense with poor visible porosity, barren, with few very scattered small chips with few small vugs to slightly vuggy edge porosity with brown stain in porosity only, some too dense to break, few with fair show free oil upon break and slight to fair show gas bubbles in porosity as well, NSFO in tray, no flour., or odor

LS, mostly cream with some very scattered light gray and white, micro-xln, lithographic and dense with poor visible porosity, no show, fluor., or odor

3431' 30" LS, cream to gray with some very scattered white, micro-xln, lithographic and dense with poor visible porosity, no show or odor

BKC 3425 (-1453)

3431' 60" LS as above, with slight influx gray and red shale, no show or odor

3443' 30" Gray and red shale, with scattered cream to gray LS and some very scattered tan to orange and opaque cherts, no show or odor

Arbuckle 3441 (-1469)

NANCY 5-17 DST 3.jpg

NANCY 5-17 DST 4.jpg

NANCY 5-17 DST 5.jpg

3443' 60" Conglomerate as above, with some very scattered SS, vf-grained, sub-angular to sub-rounded and fairly well sorted, with scattered stain that increases to saturated under lamp, fairly friable, upon break fair show free oil, few clusters slowly bleed oil to surface under lamp, found few small chips dolomite, brown, sucrosic to some scattered subrhombic to rhombic development with few small vugs, saturated stain, fair show free oil upon break, SSFO in tray, fair odor 3450' 60" Mixed LS, shales, and cherts, with slight influx dolomite, cream to off-white,

micro-xln, sucrosic to sub-sucrosic, some dense, some fairly friable with scattered stain to free oil droplets in matrix, upon break chips show scattered inter-xln stain and fair inter-xln porosity with fair to good show free oil, most chips increase to saturated stain when left under lamp, with few very scattered chips sub-rhombic to rhombic with few scattered small vugs and fair inter-xln porosity with saturated stain, SSFO in tray, fair pungent odor

3456' 60" Dolomite, cream with some very scattered white, micro-xln, mostly sub-sucrosic and dense, barren, with some scattered sucrosic, fairly friable with very scattered to scattered stain, upon break most have slight to fair show free oil, with some very scattered sub-rhombic with scattered fair visible porosity and mostly very scattered stain, some slightly to fairly challky, also with fairly abundant gray and red shale with some scattered white chert, SSFO in tray, poor odor

3463' 30' Dolomite, cream to off-white, micro-xhn, mostly sub-sucrosic and dense with poor visible porosity, barren, few very scattered chips sub-rhombic and fairly friable with mostly poor visible porosity, some slightly to fairly chalky, no show or odor

~3470' Dolomite, mostly cream with some scattered off-white to light brown, micro-xln, mostly dense and barren with poor visible porosity, some with very scattered gilsonitic stain, with some scattered sub-rhombic, some fairly friable, few chips with several small vugs and scattered gilsonitic stain, slightly chalky, no show or odor

~3480' Dolomite as above, with influx sub-rhombic, most fairly friable, some with scattered pyrite inclusions, some very scattered gislonitic stain, most completely barren, slightly chalky, no show or odor

~3490' Dolomite, cream to light brown and some scattered white, micro-xln, mostly subrhombic with some scattered rhombic and some sucrosic to sub-sucrosic, some with fair visible porosity, barren, fairly chalky, few chips with some scattered pyrite inclusions, with some scattered white chert, no show or odor

~3500-3520 Dolomite as above, no show or odor

LS, cream to light brown, micro-xln,moslty sub-sucrosic and dense with poor visible porosity, with some very scattered sub-rhombic with mostly poor visible porosity, with some very scattered white chert, few chips oolitic, slightly chalky, no show or odor

Dolomite, mostly cream with some scattered light brown, sub-rhombic to sub-sucrosic with some very scattered rhombic development on few chips, some sub-rhombic with fair visible porosity, barren, most sub-sucrosic is dense with poor visible porosity, wiith some scattered white chert, trace oolitic, less chalky, no show or odor

Rotary TD 3540' @ 1030hrs 2/17/17 Eli Wireline Services Logging TD @ 3540' Complete Logging Operations @ 1700hrs 2/17/17 Geologist Jeremy Schwartz off location @ 1715hrs 2/17/17

9	Total Gae (units) 100
\$	Ci () nits) 100 C2 (units) 100
	C2 (units) 100 C3 (units) 100
Mud-C	o Mud chk mits) 100
3431'	
2/15/1	
PV: 19	Wt: 9.3 YP: 15
WL: 8.	
Cake:2 pH: 10	
Ca: 40	
CHL: 4	1,300ppm
	9 LCM: 0 \$256.65
	\$7,239.18
+	
	ouncing and tering @ 3456'
\mathbb{P}	Mud-Co Mud chk
	3456'
	Vis: 68 Wt: 9.2+ –
\mathbb{H}	PV: 18 YP: 21
	WL: 8.0
	pH: 10.0
	Ca: 80ppm
\vdash	CHL: 5,000ppm Sol: 6.1 LCM: 0
	DMC: \$1,112.30
6	CMC: \$8,351.48
	Mud-Co Mud chk
K_	3468' - 2/17/17 -
	Vis: 69 Wt: 9.0
	PV: 20 YP: 20
\vdash	WL: 9.0 Cake:1/32
	pH: 9.5
$\wedge +$	Ca: 80ppm
K 🗆	CHL: 6,000ppm Sol: 4.7 LCM: 0
}⊢	DMC: \$0.00
	CMC: \$8,351.48
2	

		NANCY 5-	17 DST 1.jpg							
1 🥅		DRILL STEM TE	ST REP	ORT						
_₽₽		SHELBY RESOUIRCES LLC		17-17S	17-17S-13W					
	lasters .	2717 CANAL BLVD SUITE C		NANCY	5-17					
		HAYS, KANSAS 67601		Job Ticke		DST#:1				
great	Sends Kanzas	ATTN: JEREMY SCHWARTZ	,		rt: 2017.02.14 @					
ENERAL	INFORMATION:									
	LANSING A-D No Whipstock: ened: 07:04:00 ded: 12:47:00	ft (KB)		Test Typ Tester: Unit No:	e: Conventiona GENE BUDIC 1-36	al Bottom Hole (Initial) G				
nterval:	3209.00 ft (KB) To 3276	.00 ft (KB) (TVD)		Reference	ce Elevations:	1972.00 ft (KB)				
otal Depth:	3276.00 ft (KB) (TVD)					1961.00 ft (CF)				
lole Diameter	r: 7.88 inchesHole C	ondition: Fair			KB to GR/CF:	11.00 ft				
Press@RunD Start Date: Start Time: FEST COM	2017.02.14 05:10:00 IMENT: 1ST OPENING 10 1ST SHUT-IN 60	3271.34 ft (KB) End Date: End Time: MINUTES WEAK BUILLDING B MINUTES NO BLOW BACK MINUTES WEAK BLOW BUIL			2017.02.14 (2017.02.14 (HE WATER	@ 11:15:30				
	2ND SHUT-IN 90	MINUTES NO BLOW BACK		OF A 5 GALLON B	OCKET IN 28 MIN	INTES				
	Pressure vs. Time	MINUTES NO BLOW BACK			SURE SUMM					
1720 1530 1520 1520 1500		MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 134	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10		ARY on o-static low (1) n(1) low (2) n(2)				
	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10	SURE SUMM mp Annotatic g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In	ARY on o-static low (1) n(1) low (2) n(2)				
	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2)				
1500 1500	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2) o-static				
239 739 730 730 730 730 740 750 750 750 750 750 750 750 75	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2) o-static				
zzo	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2) o-static				
ESO ESO TO TO TO TO TO TO TO T	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2) o-static				
1239 1239 1000 100 1000 1	Pressure vs. Time	MINUTES NO BLOW BACK	Time (Min.) 0 1 11 70 70 134 251	PRES Pressure Te (psia) (de 1674.56 9 141.76 9 130.35 9 631.67 10 158.57 10 198.63 10 405.57 10 1573.98 10	SURE SUMM. mp Annotatio g F) 8.47 Initial Hydro 8.22 Open To F 8.45 Shut-In(1) 0.33 End Shut-In 0.16 Open To F 3.22 Shut-In(2) 4.78 End Shut-In 4.61 Final Hydro	ARY on o-static low (1) n(1) low (2) n(2) o-static				

	NANCY 5-17	DST 2.jpg					
	DRILL STEM TES	TREP	ORT				
	SHELBY RESOURCES LLC	17-1	7S-13W				
	2717 CANAL BLVD SUITE C		NAN	ICY 5-17			
Great Bend, Kaneas	HAYS, KANSAS 67601		Job T	icket: 011	48	DST#: 2	
	ATTN: JEREMY SCHWARTZ		Test	Start: 201	7.02.15 @	03:57:00	
GENERAL INFORMATION:							
Formation:LANSING H-KDeviated:NoWhipstock:Time Tool Opened:05:46:00Time Test Ended:11:52:00	ft (KB)		Test ⁻ Teste Unit N	er: GE	onventiona ENE BUDIG	l Bottom Hole (In	iitial)
Interval: 3336.00 ft (KB) To 3			Refer	rence Eleva	ations:	1972.00 ft (
Total Depth:3336.00 ft (KB) (THole Diameter:7.88 inchesHol	VD) e Condition: Fair			KB to	GR/CF:	1961.00 ft (11.00 ft	CF)
Serial #: 9139 Inside Press@RunDepth: 757.58 psia Start Date: 2017.02.15 Start Time: 03:57:00	@ 3425.94 ft (KB)End Date:End Time:	2017.02.15 11:50:30	Capacity: Last Calib. Time On B Time Off B	itm: 20)17.02.15 (5000.00 psi 1899.12.30 @ 05:45:00 @ 09:57:30	а
2ND OPENING	10 MINUTES WEAK BLOW BUILT TO 60 MINUTYES NO BLOW BACK 60 MINUTES WEAK BLOW BUILT TO 120 MINUTES NO BLOW BACK		M of the Bu	ICKET IN 19			
Pressure vs.	Fime 9139 Temperature			ESSURE			
		Time (Min.)		Temp (deg F)	Annotatio		
		0	1709.06 176.31		nitial Hydro Open To Fl		
		10	197.93	97.93 \$	Shut-In(1)		
		70 70	861.03 292.55		End Shut-Ir Open To Fl	()	
		131 251	335.48 757.58		Shut-In(2) End Shut-Ir	(2)	
	20	253	1523.82		Final Hydro		
0							
Recovery			ļ ļ_	Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (incl	hes) Pressur	e (psia) Gas Rat	e (Mcf/d)
150.00 MUD 300.00 MUDDY WATER	0.74						
300.00 MUDDY WATER 0.00 CHLORIDES 57,000	0.00						
		1					

	NANCY 5-17	DST 3.jpg	<u> </u>					
	DRILL STEM TES	T REP	ORT					
	SHELBY RESOURCES LLC		17-17S-13W					
	2717 CANAL BLVD SUITE C		NANCY 5-17					
Great Bends Kaneas	HAYS, KANSAS 67601		Job Ticket: 01149 DST#:3					
	ATTN: JEREMY SCHWARTZ		Test Start: 2017.02.16 @ 08:40:00					
GENERAL INFORMATION:								
Formation:ARBUCKLEDeviated:NoWhipstock:Time Tool Opened:10:14:00Time Test Ended:00:00:00	ft (KB)		Test Type: Conventional Bottom Hole (Initi Tester: GENE BUDIG Unit No: 1	al)				
Interval:3420.00 ft (KB) To3Total Depth:3450.00 ft (KB) (THole Diameter:7.88 inches Hol			Reference Elevations: 1972.00 ft (Kt 1961.00 ft (CF KB to GR/CF: 11.00 ft	,				
2ND OPENING	End Date: End Time: 15 MINUTES VERY WEAK SURFACI 45 MINUTES NO BLOW BACK		Time On Btm:2017.02.15 @ 22:13:00Time Off Btm:2017.02.15 @ 23:47:00					
Pressure vs.	lime		PRESSURE SUMMARY					
DIST Presure DIST Presure DI	9139 Temponare 9139 Temponare	Time (Min.) 0 17 61 61 92 94	Pressure (psia) Temp (deg F) Annotation 1772.75 98.26 Initial Hydro-static 148.73 97.71 Open To Flow (1) 107.01 99.07 Shut-In(1) 1105.52 101.06 End Shut-In(1) 155.92 100.76 Open To Flow (2) 108.92 102.46 Shut-In(2)					
Recovery			Gas Rates					
Length (ft) Description 5.00 CLEAN OIL	Volume (bbl) 0.02		Choke (inches) Pressure (psia) Gas Rate (Mcf/d)				
55.00 OIL CUT MUD 45 OILK 5								
Eagle Testers	Ref. No: 01149		Printed: 2017.02.16 @ 01:51:51					

	NANCY 5-17	DST 4.jpg					
	DRILL STEM TES	T REP	ORT				
	SHELBY RESOURCES LLC		17-17S	-13W			
<u> </u>	2717 CANAL BLVD SUITE C	NANCY 5-17					
Great Bends Remeas	HAYS, KANSAS 67601	Job Ticket: 01150 DST#:4					
	ATTN: JEREMY SCHWARTZ		Test Sta	rt: 2017.02.	16 @ 08:40:00)	
GENERAL INFORMATION:							
Formation:ARBUCKLEDeviated:NoWhipstock:Time Tool Opened:09:46:00Time Test Ended:00:00:00	ft (KB)		Test Typ Tester: Unit No:	e: Conver GENE E 1	ntional Bottom I BUDIG	Hole (Initial)	
Interval:3420.00 ft (KB) To34Total Depth:3456.00 ft (KB) (THole Diameter:7.88 inchesHol			Referen	ce Elevations KB to GR/C	1961.0	00 ft (KB) 00 ft (CF) 00 ft	
Serial #: 9139InsidePress@RunDepth:1032.54 psiaStart Date:2017.02.16Start Time:08:40:00TEST COMMENT:1ST OPENING1ST SHUT-IN2ND OPENING2ND OPENING	End Date: End Time:			2017.02	5000.(2017.02. 2.16 @ 10:04:3 2.16 @ 13:37:(30	
	90 MKINUTES NO BLOW BACK				MMARY		
9139 Pressure	9139 Temperature	Time	Pressure Te	mp Ann	otation		
250 250 250 250 250 250 250 250		(Min.) 0 1 59 60 119 212 213	1730.76 9 52.27 9 60.60 9 1095.77 9 66.27 9 96.60 9 1032.54 10	1.82 Open 2.03 Shut- 4.34 End S 3.96 Open 7.74 Shut- 1.68 End S	hut-In(1) To Flow (2)		
Recovery				Gas Rate			
Length (ft) Description 15.00 clean oil	Volume (bbl)			Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)	
35.00 oil cut mud 10 oil 90 mud							
60.00 oil cut mud 5 oil 95 mud	0.30						
Eagle Testers	Ref. No: 01150		Pr	nted: 2017 (02.16 @ 15:08	26	

NANCY 5-17	
	17-17S-13W
2717 CANAL BLVD SUITE C HAYS, KANSAS 67601	NANCY 5-17 Job Ticket: 01151 DST#:5
ATTN: JEREMY SCHWARTZ	Test Start: 2017.02.17 @ 21:55:00
GENERAL INFORMATION:	
Formation:ARBUCKLEDeviated:NoWhipstock:ft (KB)Time Tool Opened:23:29:00Time Test Ended:04:35:00	Test Type:Conventional Bottom Hole (Initial)Tester:GENE BUDIGUnit No:1
Interval:3455.00 ft (KB) To3463.00 ft (KB) (TVD)Total Depth:3463.00 ft (KB) (TVD)Hole Diameter:7.88 inchesHole Condition: Fair	Reference Elevations: 1972.00 ft (KB) 1961.00 ft (CF) KB to GR/CF: 11.00 ft
Serial #: 9139 Inside Press@RunDepth: 1144.23 psia @ 3458.00 ft (KB) Start Date: 2017.02.16 End Date: Start Time: 21:55:00 End Time: TEST COMMENT: 1ST OPENING 15 MINUTES VEAK BUILDING BLOW 1ST SHUT-IN 45 MINUTES 2ND OPENING 60 MINUTES WEAK BUILDING BLOW 2ND SHUT-IN 90 MINUTES	
Pressure vs. Time	PRESSURE SUMMARY
F-287	Time Pressure Temp Annotation (Min.) (psia) (deg F) Initial Hydro-static 0 1742.91 94.37 Initial Hydro-static 1 30.60 93.53 Open To Flow (1) 16 40.61 95.52 Shut-In(1) 60 1154.47 98.58 End Shut-In(1)
Recovery	Gas Rates
Length (ft) Description Volume (bbl) 120.00 WATER WITH A TRACE OF OIL 0.59	Choke (inches) Pressure (psia) Gas Rate (Mcf/d)
0.00 LESS THAN 1 PERCENT OIL 0.00	
Eagle Testers Ref. No: 01151	Printed: 2017.02.17 @ 04:47:50