						•	1917 <b>**</b> 6 -		1. No.
	9-16-1/1 Spad, SeT SP Oute Option   9-17-11 324.' Daly   9-18-1/1 1970' Daly   9-18-1/1 1970' Daly   9-19-11 3230' Daly   9-21-11 3330' Daly   9-21-11 3750' BT 0, Lags, Bun Ceg	rition Casing 5 1/2 set To 3747 w 150 sxs EA txs At 15xxs mH Swift Services TickeT # : a Time 2900'-ATD Samples 2' Penetration Rate	SoyThwind Dalg. T.K., Rig #1 1 9-16-2011 Completed 9-21-2011 D' 8-16-2011 LTD 3749' asing 8 %8" Set To 223.28 w/150 \$x5 Common 2% Gel 3% Ge		FSL + 945 FEL, SE/4	E	COMPANY TDI, INC. Well Munsch # 5	PH. 785-625-3380	
FOLD HERE	mmendation To				-    Bit 1	Record			**************************************
besed on Arbuchle + percesty:N	mmendation to feverable sta nd excellent de upper productie	ucture in volopment	of Mak	e & Type Serial	No. Nozz	los Do	pth In Di	apth Out Hour	S
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Formation AnhydaiTe AnhydaiTe TopehA Heebrea Sh TomonTo LKC BKC Anbuckle RTD LTD	Sample     Top   1215     Base   1251     Base   1251 <td>Log D 1212 1249 3008 3284 3286</td> <td>Arithm → + 834 + 797 - 962 - 1238 - 1257 - 1286 - 1508 - 1508</td> <td>GEND Arb sh Limestone</td> <td></td> <td>i i i i i i i i i i i i i i</td> <td>A A A A A A A A A A A A A A A A A A A</td> <td></td> <td>etc.</td>	Log D 1212 1249 3008 3284 3286	Arithm → + 834 + 797 - 962 - 1238 - 1257 - 1286 - 1508 - 1508	GEND Arb sh Limestone		i i i i i i i i i i i i i i	A A A A A A A A A A A A A A A A A A A		etc.
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Formation Awhydai Te Awhydai Te Awhydai Te TopehA Heebwea Sh TomonTo LKC BKC Ambuchle RTD LTD Uninkay Drilling 123	Sample     Top   1215     Base   1251     Base   1251 <td>Log D 1212 1249 3008 3284 3286</td> <td>Arithm → + 834 + 797 - 962 - 1238 - 1257 - 1286 - 1508 - 1508</td> <td>GEND Arb sh Limestone</td> <td></td> <td>i i i i i i i i i i i i i i</td> <td>A A A A A A A A A A A A A A A A A A A</td> <td>ZZZ pomite</td> <td>Gtc.</td>	Log D 1212 1249 3008 3284 3286	Arithm → + 834 + 797 - 962 - 1238 - 1257 - 1286 - 1508 - 1508	GEND Arb sh Limestone		i i i i i i i i i i i i i i	A A A A A A A A A A A A A A A A A A A	ZZZ pomite	Gtc.
Formation Awhydai Te Awhydai Te Awhydai Te TopehA Heebwea Sh TomonTo LKC BKC Ambuchle RTD LTD Uninkay Drilling 123	Sample     Top   1215     Base   1251     3008     Ale   3287     3308     3308     3308     3305     3419     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411     3411<	Log D 1212 1249 3008 32844 3284 3284 3284 3284 3284 3284 3284 3284 3284	Arithm → + 834 + 797 - 962 - 1238 - 1257 - 1286 - 1508 - 1508	GEND Arb sh Limestone		i i i i i i i i i i i i i i	A A A A A A A A A A A A A A A A A A A	mite	Gtc.

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Huhydri Te Brse 1249 777	50 60			
	70	<b>(</b> ,		•
	10	Displice 2835'-2867'		
	20 30			
	40 50			
	60	Lm daakban-gany FWXN 91: Foss Lm dk ban-gany Frux/N 81; Foss		•
	70 80	Lun ban Frix/N SliFoss Sh Mod g.Ray blocky py AiTic		•
	90 3000	Sh LT-Med gANY SOFT Calc in part Sh LT-med gANY 5080		
3008-962	10	Lm LTGARY - LTGAN Frot/N Sti Foos		• • • •
	ЭО	LM BANSA GRAYS MOSTLY FRENCH Fors Lm LT-med DANS FNX/N Fors INPAN SI: Chalk in pant		••••
	40 50	L == bans - bansishiany FMX/Au GAAN-IAA in PSAT Fors		
	60 70	LUN BANSA GARYS FINX/N FOIS LM BANG & JARYS FINX/N - JARNULAR Slifosi		200 200 200 200 200 200
	80 90	Lim Lyban FNX/N Sli Foss Lim buff - Lyban FNX/N-GAONalan Chalk IN PART Sli Foss		•
	3100 10	Lm brustgrays Fux/N-grannler Slichih SliFers Lm grays + brus Fux/N Sl: Fass		•
	20	hm hTgARYS - LTBAN FNYN Slifess hm hTBAN - dhban ingant FNX/N - gAMNYlan w Slichelk		
	30 40	FRIX/W-gAMANY/all w Sli Chalk Sh bik cand Lun LT-Med ban ENX/N-gAMUA/ah webalk		
	50 40	LM LT-Med ban - gmayish ban Fuxin - gmanulon - w cholk Sli Foss		
	70 80	Lm cAm FN-U FX/N 5/: Chalk Vany a/Nhm Lm cam FN-U FX/N w5/: Chalk		2 * 2 * * * * * *
	90	Lm CPM- LTBAN FN-UFX/N SliChatk Bh gany calc Lm buff- CAM FN-UFX/N		
	3200	Sh bik canb Lm LT ban - cam Fry /N Sli Fass		
	30 30	Lm CAM-h TBAN FN-UPY/N w chelk Sli Fass Lm LTBAN FNY/N w 31: Cholk		
	40 50	Lin ht ban - g Day ish ban Finxin - Sli Fors - Sli chalk		
	60 70	hm ht-dkbow FNX/N ~ 51: Chalk Lm off wht-LTbow Fuxla ~ 51: Chalk		
Hechmen Shale	80	Lon LT-medban FrixIN w 51; Chalk Lom Cpm-LT BAN FRIXIN w 51; Chalk		•
3287-1241 Elsg 3284	90 3300	Sh bik Carb Lm med ban FNX/N Slitess Sh gARTI gAEON Sissile & soft	No and the second s	
Z TEROMTO 3308-11262 ELOG 3303	10 20	Lm wht - cam FNX/N brittle on bak Sli ch+14 NS Nocdor Lm wht - LT base FNX/N Slichald NS		• • • •
<u>3333 - 11287</u>	<b>30</b> 40	Sh Meds, bans, gray Low LT-Med ban Mostly Fasta Cholde in part		
	50	Lim Tow - LTBAN FORTH wchick in poal Sh A.edi DAN conthy Lim CAM-LTBAN FNXIN w chelk in poal		
	60 70	Lm off WWT - CAM-LTBAN FAXIN a chelk Shgary pyriTic		2 * 1 * * *
	80 <b>°</b> 90	Scattened Ung & whit scat STAIN Nodetestable oder NFO Few fcs. Tose w interfore Staining		•
	3400 G	Sh SMY- blk Carb hm hT gARY ENX/N Lm CAM FRX/N w Chalk Scat Vug B w Scattand LTSTAIN & LTOda Scat Vug B w Scattand LTSTAIN & LTOda		
	20 30	Limenim Fix X/N w chalk Lim Chim Fix X/N W Chalk Sli calific but chalk NS No code	(1947年) 1947年 1947 1947 1947 1947 1947 1947 1947 1947	
	40	Lim CAM-TION FNHIN w chilk Lim CAM-TAN FNHIN w chilk		
	50 60	Lm cam-Top Frexiles w chelle Sh gary, gassed Lm cam-Ton Frexiles w chalk		
	0 GF 80	Lucom-Tar FNX/N w ch1/4 1 ps w Vugo w sigt STN NFO NodoTNT+blo Oder		
	90 3500	Shgmany Lm CBM-LTBAN FNX/N w Chalk in part		•
	10	Lm. cpm. LTbow Frux/ru Lm. wWT-CAM FN-UFX/N		
	20 30	Lun cAm. LTBAN Forking w Chilks import		· · · ;•
	40 50	Lin CAM. LTBAN FuxInu 51: chalk ShgARY, gARRA JOST Lin CAM-TAN FNX/N		
E 33555 - 1509	60 70	Sh med, ban saft, blacky Lm Com FAXIN Chaptic in prat Sh med wash		
	80	Clastic Limmix w med hand cole Lm Some Limmit - CAME FRYND w chalk Sh TAN VERY SOFT & STICKY		•
	90 3600	Im Com-Tan FRANC w chalk Sh ned, Tan SOST + STicky		• • • • • • • • • • • • • • • • • • •
Fin pac 4/e	10 20	Dh Reds, bans, grays, saft Sh Vari colorad Sh Vari color Del Cama hThan Fu-CX/N		
	30 • 40 •	Del Cam-Litban FN-CX/N Sucresic INPERT F-Godor Satstain Cut pump pressure to 600° AT 3600' F-Godor Satstain SKUSUADDIL gaundup. Del Cam-Litban FN-CX/N Sucradic Godor SFO SATSTAIN		
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	80 90	Dol wht- cam FW-CX/N		•
	उत्ह १०	Q.I FUORY - CAM FN-CX/N		
	20 30	Dol Ivery FN-CHA		•
	40 60	Del Ivery-CAM FN-CX/N Del Ivery-LTBAN FN-CX/N Slope Survey 3750' 1"		•
2:37 Am 9-21-201/	60			

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OB LO			WELL NO.		LEASE		JOB TYPE	TICKET NO.	
	T.D. Z			PUMPS	MUNLS CH PRESSURE (PSI)			TICKET NO. JO238	
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	T C	TUBING	CASING	DESCRIPTION OF OPERATION	ON AND MATERIALS	
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							S12 14 1/2 D.V.ONTO #60 , CENT 1.3.5.79.11,59, 29 30	1217 FT	
							CENT 1.3.5.7.9.11,59, 79.80	BALLES 2.6, B, 60,	
						ļ	JEMPS Dur 66, 74,87 =	3.nrth	
	FRSC						START CY AFE		
	2115						TACATTA - DRABAC		
	2125						BREAN CIRC & ROMMEP.PE		
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Phone 785-483-2025 Cell 785-324-1041	Ho	ome Office	P.O. Box 32 R	ussell, KS 6766	55 <b>No.</b>	5096
Sec.	Twp.	Range	County	State	On Location	Finish
Date 9-16-11			Ellis	Romsas		9:30PM
Lease Munsil	Well No.	5	Location Hay	< <u>85</u> 8	The Nints	•
Contractor South wind	Dill	in Ric	Owner			
Type Job Surface		2 2	To Quality	Oilwell Cementing,	Inc. rent cementing equipment	t and furnish
Hole Size 124	T.D.	225	cementer a		owner or contractor to do	
Csg. RE 234	Depth	223	Charge To	TIT		
Tbg. Size	Depth		Street	1 0		
Tool	Depth		City		State	
Cement Left in Csg. //) -/-5	Shoe Jo	pint		was done to satisfacti	on and supervision of owner	agent or contracto
Meas Line	Displace	134		mount Ordered	150 Commen	
EQUIP	MENT		3200	25 lours		
Pumptrk 9 No. Cementer	teire		Common	150		
Bulktrk S No. Driver	att		Poz. Mix			
Bulktrk No. Driver	10205		Gel.	3		
JOB SERVICES	& REMAR	RKS	Calcium	5		
Remarks:			Hulls			
Rat Hole			Salt			
Mouse Hole			Flowseal			
Centralizers			Kol-Seal			
Baskets		nan an	Mud CLR 4	48		
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