CEMENTING TRI	EATMENT 1	REPORT			PIC	NEER		TREATMENT NUMBER SO2011006 DATE					4/21/2011								
					-	AL RESOURCES					STAGE		JOB TY								
WELL NAME AND NO.					LOCATION			RIG NAME:			<u> </u>	1		CEMEN'	T PUMPER:	Surface					
Thurow-Tate ATU  FIELD					FORMATI	Sec. 33 T30S R36W		Trini			idad Drilling					2304					
Hugoton			FORMATI	Chase/Council Grove	WELL DATA BIT SIZE 12 1/4			CSG/Liner Size	BOTTOM  CSG/Liner Size 8 5/8			FT TOP		FT							
COUNTY				STATE	AFE				WEIGHT	24	1										
	Grant			1	Kansas	MUD TYPE				606											
			-	•		BHST			GRADE	J-55											
RIG FOREMAN PI			Phillip Gibsor	1		ВНСТ			THREAD	LT&C											
						MUD DENSI	TY		LESS FOOTAGE SHOE JOINT(S)	42					TOTAL:						
CEMENT SUPERVISOR Stan Owens						MUD VISC			Disp. Capacity	35.8					35.8						
CEMENT EMPLOYEES Warren Martin and J.R. Ortiz							Include Footag	e From Ground	Level To Head In	Disp. Capacity	I	TYPE	1	ı							
waiton mardii diri J.N. Otuz								DEPTH				100	DEPTH								
								TYPE				Stage Tool	TYPE								
SPECIAL INSTRUC	CTIONS							DEPTH Head & Plugs		1	TBG	D.P.	DEPTH								
								Head & Flugs			SIZE	D.P.	13	TYPE							
								Double I	Вох 6	WEIGHT			TOOL	DEPTH							
								Single		GRADE			TAIL PIPE:		SIZE		DEPTH				
								Swage		THREADS			TUBING VO				BBLs				
		1			<del></del>			Knockou	ıt	New	✓ Used		CSG VOL B	ELOW TO	OOL	-	BBLs				
LIFT PRESSURE	n	1	230	psi	i BUMP PLU	IC TO	1300	CENTENIA DE	MDED ATUDI	DEPTH			TOTAL ANNULAR	VOLUME		+	BBLs BBLs				
PRESSURE LIMIT		1000		psi				WATER QUA	MPERATURI	L:	68	рН	325		SG	TEMP					
TIME PRE		SURE	VOLUME	E PUMPED	NO. of Centralizers  JOB SCHEDULED FOR			ARRIVE ON				RIG UP	323	,		LOCATION	<b>TEMP</b> 70				
0001 to 2400	TBG	CSG	INCR	CUM	TIME:	20:00 <b>DATE:</b>		TIME:	17:00	DATE:	4/21/2011	TIME:	21:00	DATE:	4/21/2011 <b>TIME</b>		<b>DATE</b> 4/22/2011				
		ı		1	RATE	FLUID TYPE	DENSITY	1													
21:00												Pre job	safety me	eting.							
22:17		500	2		0.5	H20	8.3					Test Pu	ımps and I	Lines.							
														_							
							1														
22.10		40	3		3	шэо	0 2				Dum	n H20 #11	airaulatio	n ootobl	lishad						
22:19		40	3		3	H20	8.3	Pump H20 till circulation established.													
					-		<u> </u>	-													
22:22		90	100		3	CMT	15				N	Iix and pu	mp CMT	@ 15 p	pg.						
22:54											:	Slow dowr	and drop	top plu	ıg.						
													•								
-																	_				
22:56		230	30		3	H20	83	8.3 Pump displacement.													
22.50		230	30		3	1120	0.3	i ump displacement.													
			<u> </u>		<del> </del>		+	-													
••		1.000																			
23:09		1300	5.8		2	H20	8.3	Bump plug and check floats. (Held O.K.)													
					ļ		<u> </u>														
	_																				
					<u> </u>																
	_																				
			<u> </u>		<u>L</u>			Call Outs 10 Bbls/70Psi. 20 Bbls/130 Psi 30 Bbls./ 220 Psi. Final 1300 Psi.									si.				
			<u>L</u> _		<u>L</u>		<u>L</u> _	<u>L</u>													
	· 																				
			<u> </u>				1	1													
	- -				1						Dume	ned 35 hbl	s good cen	ent to	the nit						
			<del> </del>	<u> </u>	<del>                                     </del>		1	+			rum	Jea 33 UUI	s good cell	iciit tu	ше ри.						
	_																				
			1				1	+													
22.55												ъ	- a-r ·								
23:55	No.of	Yield	<u> </u>	<u> </u>	<u> </u>		1	COMPOSI	TION OF SYS	STEM		Post job	safety me	eeting.	Т	SLURRY	MIXED				
System Used	Sacks	ft <sup>3</sup> /sk						COMITOSI	.21011 OF 313	, 2 2 4 7 2						BBLS	DENSITY				
Surface Set 460 1.23									Surface Set							100	15 ppg.				
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						15 ррд.													
	<u> </u>		<u> </u>												<u> </u>		<u> </u>				
CIRCULATION	√Y	es _	No	WASHED CA	ASING DOW		No ETURNED TO	SURFACE			BREAKDOWN BEFORE PLUG BUMI	)		PSI	FINAL	1300	PSI				
DISPLACEMENT VOL. 35 BBLS							35 Bbls.	DUMPACE			PRESSURE		220	PSI	RATE	2	BPM				

CEMENTING TREATMENT REPORT (PAGE 2)					PIC	NEE	R			TREATMENT NUMBER			DATE								
						L RESOURC							STAGE			JOB TYPE Surface					
WELL NAME AN	O NO.				LOCATION				RIG NAME:	ral Resources Rig # 3			CEMENT PUMP:								
FIELD					FORMATI	ON			RIG FOREMAN:				2305 CEMENT SUPERVISOR:								
Hugoton-Panoma COUNTY					STATE API NO.				ARRIVE ON LOCATION	RIG UP		Stan Owens  LEFT LOCATION									
TIME	Stevens			Kansas  JOB SCHEDULED FOR				TIME:	DATE: TIME:				DATE: DATE:								
0001 to 2400	TBG CSG INC CUM		TIME:		DATE:	D EL IGITAL I					COMMENT										
					RATE	FLUID TY	PE	DENSITY													