	S SERVICES, LLC 052768		
REMIT TO P.O. BOX 91 RUSSELL, KANSAS 67665	SERVICE POINT:		
DATE S 2714 SEC. TWP. RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH		
LEASE WILL WELL # 1 LOCATION VOC )	chason 195 Printing 785		
OLD OR NEW (Circle one)			
CONTRACTOR Cheyenne Well Squire TYPE OF JOB PIP	OWNER		
HOLE SIZE T.D.	CEMENT		
CASING SIZE 41/2 DEPTH	AMOUNT ORDERED 2505K 60140 490ge		
TUBING SIZE 23/8 DEPTH 2000			
DRILL PIPE DEPTH			
TOOL DEPTH	10000 /22-200		
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMONISOSA@/7.90_2665.00		
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX /005/K @ 935 935 00		
PERFS.	GEL <u>(%K</u> @ <u>2840</u> <u>/07.20</u> CHLORIDE@		
DISPLACEMENT	ASC @		
EQUIPMENT	Cottonseed hulls allo 35:00 7000		
PUMPTRUCK CEMENTER COMY COCZO	@		
# 950-SSO HELPER COSOC P.	@		
BULK TRUCK	@		
#18/19-612 DRIVER JOSE C.	@		
BULK TRUCK			
# DRIVER	HANDLING 6		
	MILBAGE		
REMARKS:	TOTAL 3877.30		
<b></b>	TOTAL DEZZ Z SIG		
	SERVICE		
	DEPTH OF JOB OTA		
	PUMP TRUCK CHARGE 2049 BY		
	1475 miles @ 440 33000		
	MILEAGE 1/6/1/ 75 miles @ 7.70 577.50		
	MANIFOLD @@		
and the second of the second o	Handing 2(d) @ 2.78 644.80		
Alan a la Care	1) rayage 846 @ 260 219760		
CHARGE TO: HOSCIOMOIE CINESY	The section of the se		
STREET	TOTAL		
<i>i</i>	(ØCCI · /7		
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT		
•			
To: Allied Oil & Gas Services, LLC.			
You are hereby requested to rent cementing equipment			
and furnish cementer and helper(s) to assist owner or			
contractor to do work as is listed. The above work was	morn.		
done to satisfaction and supervision of owner agent or	TOTAL		
contractor. I have read and understand the "GENERAL	SALES TAX (If Any),		
TERMS AND CONDITIONS" listed on the reverse side.	\$ QQ70 QI		
	TOTAL CHARGES 10 10 18,79		

PRINTED NAME

SIGNATURE



FINAL DISP. PRESS.

## **CEMENTING LOG**

Date Ele	7/2014 1944	trict Liber	51#31 T*-1	iot Na	E2760	CEMENT DATA
Company						CEMENT DATA  Spacer Type  Amt. Sks Yield ft*/sk bensity PPG
	Abercromble Energy Lake			Rig Cheyenne Well Service Well No 1		The state of the s
County	На	amilton			(S	
					<del></del>	LEAD: Time hrs. Type 60/40 4%Gel
Field			<del></del>			Excess
Casing Data	Conducto				Misc.	Amt.         250         Sks         Yield         1.42         ft³/sk         Density         13.8         PPG           TAIL:         Time         hrs.         Type         Class A
Size 4	<del></del>	e	_		-	Excess
	<u></u>					Amt. 200 Sks Yieldft*/sk Density PPG
						WATER Lead 6.9 Gal/sk Tail Gal/sk Total BBLS
Casing Depths Top Bottom						Pump Trucks Used: 956-551 Bulk Equipment 868-842
			·			
Drill Pipe:	BBLS/	LIN. FT	LIN	. FT/BBL	<del></del>	
Open Hole:		LIN. FT	LIN	FT/BBL		Float Equipment: Manufacturer
Capacity Fac	=	LIN. FT	LIN	. FT/BBL		Shoe: Type Depth
Casing	_	LIN. FT	LIN	FT/BBL		Float: Type Depth
Open Holes	_	LIN. FT	LIN	. FT/BBL		Centralizers: Quantity Plugs Top Bottom
Drill Pipe		LIN. FT		. FT/BBL.	<del></del>	Stage Collars
Annulus		LIN. FT	LIN	. FT/BBL		Special Equipment
Amuius		LIN. FT	LIN	. FT/BBL		Special Equipment
Dorforations	From			ft Am		Mud Type Weight
renotations	110th			"	` —	Mud Type Weight
COMPANY R	epresentat	IVE				CEMENTER Lenny Baeza
TIME	PRESSU	JRES PSI	FLU	ID PUMPED I	ATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	REMARKS
9:30am	***************************************	<del></del>				On location @ 9:30am
						Rigging up to well head
					<del>                                     </del>	
10:34am	200		10.1	<del> </del>	3	Pumping 40sk plug @ 2000' with 200# Cotton Seed wholes
10:40am	110		15.1		2	End of cement and and displacement of 5 bbls
10.404()		<del></del>			<del></del>	Rig pulling all of tubing out of the hole and psi testing the casing before
		-			<u> </u>	before making the perfers @ 650
12:00pm	700	<b></b>	15		1	700 psi on the 4 1/2 casing and holding
			45		3	Pumping threw the 4 1/2 casing 30 bbls gone and got returns
12:05pm	100 200		98		3	Mixing 210 sk to get cement to surface
12:30pm				<del> </del>		
12:55pm	100		98		3	Got cement to surface 50 bbls of cement gone and 4 bbls of cement to
1:20pm	0		98	<del></del>	<u> </u>	Surface shut down to cement about 10' from surface all done
				<del>                                     </del>		Rigging down iron
		<del>                                     </del>				
	l					
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		-			<u> </u>	
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L	L	L	<u> </u>	1	<u> </u>	

PSI BUMP PLUG TO PSI BLEEDBACK BBLS THANK YOU