

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION



WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #33539	API No. 15 - 205-27650-0000
Name: Cherokee Wells, LLC	Spot Description: NW-NW-SW
Address 1: P.O. Box 296	NW_NW_SWSec. 20 Twp. 27 S. R. 14
Address 2:	2080 Feet from North / South Line of Section
City: Fredonia State: KS Zip: 66736 +	
Contact Person: Emily Lybarger CONFIDE NOTES	Footages Calculated from Nearest Outside Section Corner:
Phone: (620 \ 378-3650	□NE □NW □SE ☑SW
CONTRACTOR: License # 33072	County: Wilson
Name: Well Refined Drilling	Lease Name: Neuenschwander Well #: A-5
Wellsite Geologist: N/A	Field Name: Cherokee Basin Coal Gas Area
Purchaser: Southeastern Kansas Pipeline	Producing Formation: Unknown
	Elevation: Ground: 915' Kelly Bushing: N/A
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 1405' Plug Back Total Depth: N/A
·	Amount of Surface Pipe Set and Cemented at: 47' 4" Feet
Oil SWD SIOW SIGW	
CM (Coal Bed Methane) Temp. Abd.	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other	If yes, show depth set:Feet
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: surface
If Workover/Re-entry: Old Well Info as follows:	feet depth to: bottom casing w/ 150 sx cmt.
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	·
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
11/3/08 11/5/08	Quarter Sec TwpS. R East West
Spud Date or Pate Reached TD Completion Date or Recompletion Date Completion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidential for a period of 12 months if recompletion in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature: Date: 12/18/08	KCC Office Use ONLY
10 Carred him	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	Mireline Log Received
20 <u>08</u> PU	
Notary Public: My Ap	opt. Exp. Geologist Report Received (ANSAS CORPORATION COMMISSION
(19/19/19/19)	JAN 2 3 2009
Date Commission Explores:	CK Alta view
71/1/1111	RECEIVED

Side Two

Operator Name: Che	erokee Wells, LLC		Lease N	Name: _	Neuenschwan	der	Well #: _A-5	ı	
Sec. 20 Twp. 2	27 S. R. 14	✓ East ☐ West	County:	Wilso	on				
INSTRUCTIONS: Stime tool open and cl recovery, and flow rate	now important tops ar osed, flowing and shu	nd base of formations pen at-in pressures, whether s est, along with final chart(etrated. De	etail all c sure read	ores. Report all ched static level,	final copies hydrostatic	pressures, bottom I	hole temperature,	, fluid
Drill Stem Tests Take (Attach Additional		Yes No	,	√ L	og Formatio	n (Top), Dep	th and Datum	☐ Sample	
Samples Sent to Geo	ological Survey	☐ Yes ☑ No		Nam Drille	e ⁻ Log - Enclosed	1	Тор	Datum	
Cores Taken Electric Log Run (Submit Copy)		Yes No					1.2 (C) (C)		
List All E. Logs Run:							NUU	ର	
_	-	ited Density/Neu	tron				DEC 1 9 5000	3 =n 0 l	
Log, Dual Inc	duction Log			}		(KCC DEC 1 8 2001 CONFIDEN	TIAL	
			RECORD	✓ Ne					
Purpose of String	Size Hole Drilled	Report all strings set-o	Weig	jht	Setting	Type o		Type and Perce	ent:
Surface	12 1/4"	Set (In O.D.) 8 5/8"	24#	11.	Depth 47' 4"	Portland	10	Additives	
Longstring	6 3/4"	4 1/2"	10.5#		1395'	Thickset	150		
Purpose:	Depth				EEZE RECORD				
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#Sacks	used 			and Percent Additives		
	T						· · · · · · · · · · · · · · · · · · ·		
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plug Footage of Each Interval Per	s Set/Type forated				ement Squeeze Recor I of Material Used)	rd Depi	oth
N/A	N/A				N/A			N/A	
									
TUBING RECORD:	Size:	Set At:	Packer At:	:	Liner Run:] Yes	No		
Date of First, Resumed	Production, SWD or En	hr. Producing Meth] Flowing	g Pumpin	ng 🔲 G	as Lift Oth	er (<i>Explain</i>)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er Bt	ols.	Gas-Oil Ratio	Gravity	у
	ON OF GAS:		METHOD OF		_		PRODUCTION	ON INTERVAL:	
Vented Sold	d Used on Lease	Open Hole Other (Specify)	Perf.	Dually	Comp. Con	nmingled	KANSAS	CORPORATION COM	in Sile

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JAN 2 3 2009

Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776
Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

Rig #:	3		Lic # 33	530	LVER	S20	T27S	R14E	
API#:	1	27650 0000						NW,NW,SW	
	I #: 15-205-27650-0000 erator: Cherokee Wells, LLC		Kig#5			Wilson			
Operato					TI DIO	County:		VVIISON	i
		Camp Bowie Blvd							•
		Vorth, TX 76107				Gas Tes			
Well #:		Lease Name:	Neuenschw	vander	Depth	Inches	Orfice	flow - MCF	
Location:	2080		Line		380		No Flow	0.40	
		FWL	Line		530	3	3/8"	6.18	
Spud Date	•	11/3/2008		4.405	680	10	3/8"	11.3	
Date Con	pleted:	11/5/2008		1405			Check S 1/2"	ame 10.9	
Driller:		Joe Chaloupek / S			780	3		I	
Casing F		Surface	Produc		830	12	1/2"	21.9	
Hole Siz		12 1/4"	<u> </u>	6 3/4"	955		Check S		
Casing		8 5/8"			1030	15	1/2"	24.5	
Weight		24	↓		1055		Check S		
Setting		47' 4"	ļ		1355	8	1/2"	17.2	
Cemen	t Type	Portland					<u>-</u>	7.7	200
Sacks		10						11/7	9)0
Feet of	Casing							NES E	3 201
								UEL "	
									ジニア
								8 4 30 111 1	
								CONFI	
								69 000	JET L
08LK-1	10508-R	3-069-Neuenschw	ander A-					€ 9800 3	JE. I
08LK-1	10508-R	3-069-Neuenschw	ander A-	5-CWLL Well L				OG 6 VIE 3	ンE.V
08LK-1	10508-R	3-069-Neuenschw Formation	ander A-	Well L Bottom	Og Formation	Тор	Bottom	Formation	
	Bottom			Well L Bottom 490	OG Formation sandy shale	Top 714	718	Formation	∌ E¶`
Тор	Bottom 1	Formation	Тор	Well L Bottom 490 514	Formation sandy shale sandy shale	714 718	718 720	Formation lime shale	JEN L
Top 0 1	Bottom 1 4 13	Formation overburden	Top 487	Well L Bottom 490 514 516	Formation sandy shale sandy shale coal	714 718 720	718 720 725	Formation lime shale lime	
Top 0 1	Bottom 1 4 13 14	Formation overburden clay sand lime	Top 487 490 514 516	Well L Bottom 490 514 516 517	Formation sandy shale sandy shale coal shale	714 718 720 725	718 720 725 732	Formation lime shale lime sand	
Top 0 1	Bottom 1 4 13 14 18	Formation overburden clay sand lime sand	Top 487 490 514 516 517	Well L Bottom 490 514 516 517 520	Formation sandy shale sandy shale coal	714 718 720 725 732	718 720 725 732 751	Formation lime shale lime sand lime	
Top 0 1 4 13 14 18	Bottom 1 4 13 14 18 86	Formation overburden clay sand lime	Top 487 490 514 516 517 520	Well L Bottom 490 514 516 517 520 523	Formation sandy shale sandy shale coal shale	714 718 720 725 732 751	718 720 725 732 751 759	Formation lime shale lime sand lime shale	
Top 0 1 4 13 14 18 86	Bottom 1 4 13 14 18 86 88	Formation overburden clay sand lime sand	Top 487 490 514 516 517 520 523	Well L Bottom 490 514 516 517 520 523 526	Formation sandy shale sandy shale coal shale lime shale Red Bed shale	714 718 720 725 732 751 759	718 720 725 732 751 759 760	Formation lime shale lime sand lime shale);
Top 0 1 4 13 14 18	Bottom 1 4 13 14 18 86 88	Formation overburden clay sand lime sand shale	Top 487 490 514 516 517 520 523	Well L Bottom 490 514 516 517 520 523 526 554	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale	714 718 720 725 732 751 759 760	718 720 725 732 751 759 760 763	Formation lime shale lime sand lime shale lime blk shale	
Top 0 1 4 13 14 18 86	Bottom 1 4 13 14 18 86 88 249	Formation overburden clay sand lime sand shale sand shale	Top 487 490 514 516 517 520 523	Well L Bottom 490 514 516 517 520 523 526 554	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale	714 718 720 725 732 751 759	718 720 725 732 751 759 760 763	Formation lime shale lime sand lime shale	
Top 0 1 4 13 14 18 86 88 249 264	Bottom 1 4 13 14 18 86 88 249 264 273	Formation overburden clay sand lime sand shale sand shale	Top 487 490 514 516 517 520 523 526 554 626	Well L Bottom 490 514 516 517 520 523 526 554 626	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale	714 718 720 725 732 751 759 760 763	718 720 725 732 751 759 760 763 765	Formation lime shale lime sand lime shale lime shale lime Red Bed shale shale	
Top 0 1 4 13 14 18 86 88 249 264 273	Bottom 1 4 13 14 18 86 88 249 264 273 300	Formation overburden clay sand lime sand shale sand shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628	Well L Bottom 490 514 516 517 520 523 526 554 626 628 656	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale	714 718 720 725 732 751 759 760 763 765	718 720 725 732 751 759 760 763 765 774	Formation lime shale lime sand lime shale lime shale lime shale lime blk shale Red Bed shale shale sandy shale	
Top 0 1 4 13 14 18 86 88 249 264 273	Bottom 1 4 13 14 18 86 88 249 264 273 300 340	Formation overburden clay sand lime sand shale sand shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656	Well L Bottom 490 514 516 517 520 523 526 554 626 628 656 658	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale	714 718 720 725 732 751 759 760 763 765 774	718 720 725 732 751 759 760 763 765 774 776 810	Formation lime shale lime sand lime shale lime blk shale Red Bed shale shale sandy shale shale	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358	Formation overburden clay sand lime sand shale sand shale lime shale lime shale lime	Top 487 490 514 516 517 520 523 526 554 626 628	Well L Bottom 490 514 516 517 520 523 526 554 628 656 658	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale lime shale lime shale	714 718 720 725 732 751 759 760 763 765 774 776 810	718 720 725 732 751 759 760 763 765 774 776 810 813	Formation lime shale lime sand lime shale lime bik shale Red Bed shale shale sandy shale shale sand	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340 358	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358 364	Formation overburden clay sand lime sand shale sand shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656 658	Well L Bottom 490 514 516 517 520 523 526 554 628 656 658 661 665	Formation sandy shale sandy shale coal shale lime	714 718 720 725 732 751 759 760 763 765 774 776 810 813	718 720 725 732 751 759 760 763 765 774 776 810 813 820	Formation lime shale lime sand lime shale lime blik shale Red Bed shale shale sandy shale shale sand	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340 358 364	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358 364 365	Formation overburden clay sand lime sand shale sand shale lime shale lime shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656 658 661 665	Well L Bottom 490 514 516 517 520 523 526 554 626 628 656 658 661 665	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale lime shale lime shale	714 718 720 725 732 751 759 760 763 765 774 776 810 813	718 720 725 732 751 759 760 763 765 774 776 810 813 820 822	Formation lime shale lime sand lime shale lime blk shale Red Bed shale shale sandy shale shale sand shale blk shale	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340 358	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358 364 365	Formation overburden clay sand lime sand shale sand shale lime shale lime shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656 658	Well L Bottom 490 514 516 517 520 523 526 554 626 628 656 658 661 665	Formation sandy shale sandy shale coal shale lime	714 718 720 725 732 751 759 760 763 765 774 776 810 813	718 720 725 732 751 759 760 763 765 774 776 813 820 822 825	Formation lime shale lime sand lime shale lime blik shale Red Bed shale shale sandy shale	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340 358 364	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358 364 365 368	Formation overburden clay sand lime sand shale sand shale lime shale lime shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656 658 661 665	Well L Bottom 490 514 516 517 520 523 526 554 626 658 661 665 682 688	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale lime shale lime shale	714 718 720 725 732 751 759 760 763 765 774 776 810 813 820 822	718 720 725 732 751 759 760 763 765 774 776 810 813 820 822 825 835	Formation lime shale lime sand lime shale lime blk shale Red Bed shale shale sandy shale	
Top 0 1 4 13 14 18 86 88 249 264 273 300 340 358 364 365	Bottom 1 4 13 14 18 86 88 249 264 273 300 340 358 364 365 368 412 484	Formation overburden clay sand lime sand shale sand shale lime shale lime shale lime shale lime shale lime shale	Top 487 490 514 516 517 520 523 526 554 626 628 656 658 661 665	Well L Bottom 490 514 516 517 520 523 526 554 626 628 656 658 661 665 682 688 690 711	Formation sandy shale sandy shale coal shale lime shale Red Bed shale shale lime shale lime shale lime shale lime shale lime shale	714 718 720 725 732 751 759 760 763 765 774 776 810 813 820 822	718 720 725 732 751 759 760 763 765 774 776 810 813 820 822 825 835	Formation lime shale lime sand lime shale lime blik shale Red Bed shale shale sandy shale	

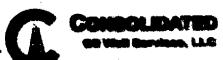
KANSAS CORPORATION COMMISSION

Operator:	Cherokee	Wells LLC	Lease Na	me:		Well #		page 2	
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation	
844	861	shale	1153	1160	sandy shale				1
861	870	lime	1160	1169	sand				Ī
870	877	shale	1169	1184	sandy shale]
877	890	sand	1184	1200	shale				Ì
890	903	shale	1200	1215	sand	1]
903		sand	1215	1318	shale				
908	909	coal	1318	1320	sandy shale				ŀ
909	949	shale	1320	1347	shale				1
949	951	lime	1347	1370	Mississippi chat				ł
951	953	coal	1370	1405	Mississippi lime				1
953	960	shale	1405		Total Depth]
960]
973	975	shale							Ī
975	981	lime							
978		oil smell							
981	984	blk shale							
984	998	shale							
998	1000	sand						·	
1000	1008	shale		-					
1008	1021	lime			·				
1021	1025	blk shale							
1025	1037	lime							
1037	1	blk shale							KCC
1038									
1039								ner	1 3 2008
1040									COMPLETED A
1042								CUN	FIDENTA
1058		sand							
1070		sandy shale							
1075									
1117		sandy shale							
1119									
1124	1145								
1145		sandy shale							
1147	1153	sand							

Notes:

08LK-110508-R3-069-Neuenschwander A-5-CWLLC-CW-206







TICKET NUMBE	20408
LOCATION	Eureta
EODEMAN T	Time (trickle

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE CONTINUE OF TRUCK TRUC				Τ	CEMENT		or 800-467-8676	20-431-9210
CUSTOMER Demonth Forgy Partners MAILING ADDRESS H916 Camp Rowie, Suite 200 CITY STATE ZIP CODE FORT WORTH JOB TYPE L/S CASING DEPTH 1395' DRILL PIPE SLURRY WEIGHT 13.4" SLURRY VOL 45841 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.3841 DISPLACEMENT PSI 900 MIX PSI 1400 mp fy RATE REMARKS: Safeth Meethor Rig up to 4'2' Caring Broak Circulation w/ 3844 Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 654 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 655 Gel - Flich, 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water, 12861 Nye harter. Mixed 1500 m. Plus 656 Gel - Flich 10861 water. Final Plus 656 Gel - Flich 10861 w. Plus 656 Gel - Flich 10861 w. Plus 656 Gel - Flich 10861 w. Plus 756 Gel - Flich 1	YTMIJO	RANGE	TOWNSHIP	SECTION	ER	WELL NAME & NUME		
Danielt Freigy Partners Mailing ADDRESS H916 Camp Romie, Suit 200 CITY STATE ZIP CODE TX 76107 JOB TYPE 1/S CASING DEPTH 1395' DRILL PIPE SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER Gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PINA PINA LOST CASING WATER TUBING OTHER WATER Gal/sk 8° CEMENT LEFT IN CASING O' MIX PSI 1400 App fly RATE PINA PINA LOST CASING PINA	· ko-				A-5	evenschwander	2890	11-6-08
MAILING ADDRESS MAILING ADDRESS 4916 Cano Rowie, Suite 200 CITY STATE ZIP CODE TX 7607 JOB TYPE L/S HOLE SIZE 6 1/4 HOLE DEPTH HOS' CASING SIZE & WEIGHT 41/4 SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 140840 Py RATE REMARKS: So fety Meethor Rig up to 41/2 Caring. Break Circulation which Aug 654 Gel - Flush, 10861 water, 12861 Dye water. Mixed 15044 The Cement w/ 5* Kol-Seal @ 13.44/401. Wash out Pump + lings. Reham Phys. Direct w/ 22.3861 water, Final Pumping Preserve 900 866.	e and a					•		CUSTOMER
TX 76107 STATE ZIP CODE FORT WORTH TX 76107 JOB TYPE L/S HOLE SIZE 6 % HOLE DEPTH MOS CASING SIZE & WEIGHT 415 10 CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER gal/sk 80 CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 pfy RATE REMARKS: Sofeth Meether Rig 40 4 1/2" Casing Break Circulation w/ Selection by Selection b	RIVER	TRUCK #		TRUCK#].	irtheir	te Energy	Domed
FORT WORTH TX 76,107 JOB TYPE L/S HOLE SIZE 6 1/4. HOLE DEPTH MOS CASING SIZE & WEIGHT 41/4 10 CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 12.4" SLURRY VOL 45861 WATER gal/sk 80 CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 pp fly RATE REMARKS: Safety Meekas Rig up to 41/2 Casing Break Circulation w/ 1986 Phys. 652 Gel - Flish, 10861 water, 12861 Dye water. Mixed 15869 Phys. Displace w/ 22.3861 water. Final Anaply Pregare 900 flish.	matum 1, % = 4 ##4		Cliff	520	<u> </u>		SS	MAILING ADDRE
Fort Worth TX 76107 JOB TYPE 1/S HOLE SIZE 6 1/6. HOLE DEPTH MOS CASING SIZE & WEIGHT 41/6 10 CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 fty RATE REMARKS: Safety Meetas: Rig up to 41/2" Caring Break Circulation w/ 3866 Phys. 652 Gel - Flish, 10861 Water, 12861 Dye water. Mixel 1500 To Cement w/ 5° Kol - Seal @ 13.4"/gal. Wash out Pump + /incr. Refer Phys. Displace w/ 22.3861 Water. Final Pumping Pregare 900 Mix. &			Jenid	515		, Juite 200	Camp Bon	4916
HOLE SIZE 6 1/6. HOLE DEPTH HOT CASING SIZE & WEIGHT 41/6. TO CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 12.4" SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 pfy RATE REMARKS: Safety Meethy: Rig up to 41/2" Caring Break Circulation w/ 3066 Phys. 654 Gel - Flich, 10861 water, 12861 Dye water. Mixed 15066 71 Cement w/ 5° Kol Seal @ 13.4°/gel. Wash out Pump + lines Rede	para de lacer il sterio de deser					TE ZIP CODE	T	CITY
HOLE SIZE 6 1/6. HOLE DEPTH MOT CASING SIZE & WEIGHT 73 1/6 CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 pp fly RATE REMARKS: Safety Meetry: Rig up to 41/2" Caring Break Circulation w/ 3886 Phys. Sirolace w/ 22.3861 Water, 12861 Dye water. Mixel 1500 pp fly Phys. Sirolace w/ 22.3861 Water. Final Ampling Pregare 900 flet. 8	رورو درورورورورورورورورورورورورورورورورو					רטושך אדן	th	Fort Wa
CASING DEPTH 1395' DRILL PIPE TUBING OTHER SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT IN CASING O' DISPLACEMENT 22.381 DISPLACEMENT PSI 900 MIX PSI 1400 App Py RATE REMARKS: Safety Meeting: Rig up to 41/2" Casing Broak Circulation w/ 3886 Phys. 652 Gel - Flish, 10861 Water, 12861 Dye water. Mixed 1500 App Phys. Phys. Displace w/ 22.3861 Water. Final Amping Pregare 900 App. 8	. .	EIGHT 415	CASING SIZE & WE	MO5'	HOLE DEPTH	E SIZE 63/4'		
SLURRY WEIGHT 13.4" SLURRY VOL 45861 WATER gal/sk 8° CEMENT LEFT In CASING 0° DISPLACEMENT 22.3811 DISPLACEMENT PSI 900 MIX PSI 1400 pp fly RATE REMARKS: Safety Meetings Rig up to 4'/2' Caring. Broak Circulation w/ 300 plans Plung 65t Gel - Flust, 10861 water, 12861 Dye water. Mixed 15869 71 Cement w/ 5° Kol-Seal @ 13.40/gel. Wash out Plung + lines. Refer Plung. Displace w/ 22.3861 water. Final Ampling Preserve 900 plus. B						L PIPE		
DISPLACEMENT 22.301 DISPLACEMENT PSI 900 MIX PSI 1400 pp fly RATE REMARKS: Safety Meeting Rig up to 41/2" Caring Broak Circulation w/ 3000 Pump 65% Gel-Flish, 1000 water, 1200 Nye water. Mixed 15000 To Coment w/ 5# Kol-Seal @ 13.40/gal. Wash out Pump + lines. Refer Phys. Displace w/ 22.300 water. Final Ampling Progree 900 Act. 8		CASING O'	CEMENT LEFT in C	k 8°				
REMARKS: Safety Meethy: Rig up to 41/2" Caring. Break Circulation w/ 30000. Aung lost Gel-Flush, 10001 water, 12861 Dye water. Mixed 150000 To Coment w/ 5# Kol-Seal @ 13.40/gel. Wash out Aung + lines. Relate Phys. Displace w/ 223861 water. Final Annying Preserve 900 Mit. B								
Phys. Dirolece w/ 223861 water. Final Amping Progree 900 Mit. B	Anna Kin	. / 264	1 A 1 A	2000	MIX PSI	PLACEMENT PSITOO	T	DISPLACEMENT
Phys. Displace w/ 223861 water. Final Amping Progres 900 RE.	30 M 10	n w/ see	L Circulation	etion gree	47	n Kig up to	ofet Mee	REMARKS: S
Phys. Dipologe w/ 223841 water. Final Amping Preserve 900 Ret. R	ick I	1200	r. Mixed	Dye hute	12 861	L. 1000 water.	L Gel-F	_
Phys. Diploce w/ 223 Ru water. Final thinging Pregare 900 Met. 18		ind. Rek	+ Premp + 1	Jash on	Marl. 4	~ [eal @ 13.4	w/ 5# /	Coment
PM. SHIPE CONTRACTOR	-	JA COP	. Presure	el Amain	Fin			
					elese	ricit 2 ming.	THEO REIL	Plu to
to surface = 7861 slung to Pit.	process reasons and the second					Slug to Pit.	CC = 786	to conf
Job Corplate		ole	Job Corol			- J		7- 3-4

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
1045	1	PUMP CHARGE	925.00	925-00
2406	40	MILEAGE	N/C	N/c
1126A	150sks	Thick set Gement	/7.00	2570.00
IIIOA	750#	Thick set Gement KGC Kol-Seal 5" St DEC 1 3 2008	. 4.2	375.00
		OCCUPENT!		The second secon
SYOTA	8.25 Tin	Ton-Milege GUIVE BUILT	1.20	396.00
1118A	300 ₩	Gel-Flush	./7	51.00
4404		45 Top Rubber Ply	45.00	44° 00
		That's	JULY MAY	4 282. œ
		6.3%	SALES TAX	181.55
vin 3737		M1210	ESTRIATED	

AUTHORIZTION CALLED by Tylor webb

881318 TITLE ## C-Rp

JAN 2 3 2009