

Company Render	Acid.	& Ceme	ent 鑑						Acid Stage No		культеначисти
BBI/Gal BBI/						Etype treatment:	Amt.	rype riuia	sano size	Pounds	s oi sano
Methods Meth	Date1	/23/2014	District	F.O. N	√o. <u>40302</u>	Bkdown	Bbl./Gal.				
Field Chicker State SS Filed Filed						<u> </u>	8bl./Gal.				
Country RICE State KS	Well Nam	e & No. BRO\	WNING C 1-13			<u> </u>					
Treated from ft. to ft. No.ft. O	Location			Field <u>C'has</u>	e-Dilica	-	Bbl./Gal.				
Casing Size	County	RICE		State KS		-					
Perf. 10 from fit to ft No.ft O						Treated from		ft. to	ft.	No. ft.	
Perf	Casing.					ž					
Formation Perf. To Ferf. To Ferf	Formation	:		Perf	to	from		ft. to	ft.	No. ft.	U
Cemented: Perforated from Ft. to Ft. Auxiliary Equipment 317-308	Formation	:	·····	Perf	to	Actual Volume of O	il / Water to Load Ho	ole:			Bbl./Ga
Cemented: Perforated from Ft. to Ft. Auxiliary Equipment 317-308	Formation	:		Perf.	to	-					
Trubing: Size & Wt.						2	*****			Twin	
Perforated from					***************************************	I .			.7-308		
Open Hole Size	Tubing:				A THE PERSON ASSESSMENT OF THE PERSON OF THE		OON GREG JORE	AN AND MIKE	***************************************		 ,
Company Representative ED Treate SPANDON		Perforate	ed from	ft. to	<u> </u>	. Auxiliary Tools	***************************************				
Time PRESSURES Total Fluid Pumped REMARKS						Plugging or Scaling	Materials: Type				····
TIME	Open Hole	Size		ft. P.	.B. toft				Gals.		
TIME											
Tubing Casing Total Fluid Pumped REMARKS	Conspany			ED.		7:44		DOAND			
ON LOCATION HOLE-396' 8 5/8-394' BREAK CIRCULATION W/ PUMP TRUCK MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE DISPLACE 23 1/2 BBL AND SHUT IN THANKS	TIME		 	Total Fluid Pumped			REMARKS	;			
HOLE-396' 8 5/8-394' BREAK CIRCULATION W/ PUMP TRUCK MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE 9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS		Tubing	Casing		ONLOCATION						
BREAK CIRCULATION W/ PUMP TRUCK MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE DISPLACE 23 1/2 BBL AND SHUT IN THANKS	3:30			ļ	ON LOCATION						
BREAK CIRCULATION W/ PUMP TRUCK MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE DISPLACE 23 1/2 BBL AND SHUT IN THANKS											
BREAK CIRCULATION W/ PUMP TRUCK MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE 9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS				-	<u> </u>						~········
MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE 9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS					8 5/8-394						
MIX 300 SKS 60/40 2% GEL 3% CAL CHLORIDE CIRCULATED CEMENT TO SURFACE 9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS				-	<u> </u>				~~~		
CIRCULATED CEMENT TO SURFACE 9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS					\$ 8.74.444.444.444.444.444.444.444.444.444				THE RESIDENCE OF MARCHANICATION		accidentemento
9:15 DISPLACE 23 1/2 BBL AND SHUT IN THANKS								DRIDE			
THANKS				1	L						
	9:15				DISPLACE 23 1/3	2 BBL AND SI	HUT IN				
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										~	NW MARKET WAR
							WASHINGTON W. W. C.				
BRANDON BRANDON BRANDON BRANDON BRANDON BRANDON BRANDON BRANDON					THANKS						
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Acid	& Cemer	ıt 🕰						Acid Stage No	o	
				1	Type Treatment:	Amt.	Type flu	id Sand Size	Pounc	is of Sand
Date	1/28/2014	District G.B.	F.O. I	vo. C40339	Bkdown					
· · · · · · · · · · · · · · · · · · ·	K&N Petrole						1.			
Well Nam	e & No. Brown	ing C 1-13				Bbl./Ga	1.			
Location		······································	Field							
County	Rice		State KS		Flush	Bbl./Ga	l			
					Treated from					0
Casing:	Size <u>5.5</u>	" Type & Wt.	15.5#	Set atft.					No. ft.	0
Formation	1:		Perf.	to	from		ft. to	ft.	No. ft.	0
Formation):		Perf.	to	Actual Volume of C	Dil / Water to Load I		,		Bbl./Gal.
Formation);			to						
Liner: S	ize Type		Top at ft.		Pump Trucks.	No. Used: Std.	320 s	ip	Twin	
			rom		Auxiliary Equipmer			360/310		
			Swung at		Personnel Natha	n Greg Joe Mik				
	Perforated	from	ft. to	ft.	Auxiliary Tools					
					Plugging or Sealing	Materials: Type	e			
Open Hole	Size	T.D	ft. P.	.B. toft.				Gals.		lb.
						· · · · · · · · · · · · · · · · · · ·				
Company	Representative		Ed		Treater		Nat	han W.		
TIME	PRE	SSURES	Total Civid Durand			DEA. AD	<i></i>			
a.m./p.m.	Tubing	Casing	Total Fluid Pumped			REMAR				
7:30		5.5"		On Location.						
				Hole-3400'						
				Pipe-3383	Centr	alizers-1-3-	5-7-9			
				Baffle-3370'	Baske	t-4-6		····		
				Land pipe and br	eak-circula	tion with m	ud pump.	. Circulate fo	or 45 n	ninutes.
					······································					
				Pump 600gal of r	nud flush.		~~~~~			
-										
		<u> </u>		Plug Rat hole wit	h 30sks. 60	/40poz				
				Plug mouse hole			······	**************************************		
								,		
		<u> </u>		Tie on 5.5" casing	. Mix 200s	ks. 60/40p	oz 2%gel :	18%salt .75%	6C-37	
				.75%C-41p 5#/sk		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
				Displace with 82.	5bbls at 7b	pm-900# P	lug lande	d at 1500#	Releas	ed
4:00				pressure. Float h						
		 		p. coco.						***************************************

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		 		Nathan W.						
				radiigii vv.						
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Acid	& Cemer	it 🕮						Acid Stage No). 	
					Type Treatment:	Amt.	Type Fluid	Sand Size	Pound	ls of Sand
Date	2/3/2014	District	F.O. 1	No. 40305	Bkdown		.,,,.			
	K&N PETROL									
Well Name	e & No. BROW	NING C-1-13								
Location			Field							
County	RICE		State KS		Flush	Bbl./Gal.				
					Treated from		t. to		No. ft	0
Casing:		Z Type & Wt.			B.		t. to	ft.	No. ft.	0
Formation					from	f	t. to	ft.	No. ft.	0
Formation	:		Perf.	to	Actual Volume of C	il / Water to Load Hole	220000000000000000000000000000000000000			Bbl./Gal.
Formation			Perf.		<u></u>					
				***************************************	E	No. Used: Std.	318 Sp.		Twin	
			rom		Auxiliary Equipmen					·····
Tubing:			Swung at			DON AND SCOTT				_
	Perforated:	rom	ft to		Auxiliary Tools			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
	•				1	Materials: Type				
Open Hole	Size	T.D.	tt. P	.B. toft.				Gals.	·	lb.
Company (Representative		£ΰ		Ťroneov		BRANDO	ጉል፤		
TIME		SSURES	T		Treater		DIVAINO			
a.m./p.m.	Tubing	Casing	Total Fluid Pumped							
10:00				ON LOCATION					***************************************	
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				TREAT W/ 250 G	AL MOD 20	2				
				SPOT ACID ON B			PERF TH	ROUGH A	CID	
		<u> </u>				······································	***************************************			
				TREAT 1/2 BPM	200#. PUT /	ACID AWAY A	ND SHUT II	N		
				INSTANT-100#				***************************************		
			ļ						***************************************	

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				BRANDON						
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Acid Stage No.

	1	iype ïreatment: Amt.	type fluid	วสกิส วเรีย	rounds of Sand		
Date 2/11/2014 District F.O.:		u .	Eti./Gal.				
Company K&N PETROLUEM	all an analysis and an analysi		Bbl./Gaf.				
Well Name & No. BROWNING C 1-13			8bi./Gal.				
Location Field			8bi./Gai.				
County RICE State KS			8bl./Gal.				
		Treated from	it, to	it. No	o. ft0		
Casing: Size 5 1/2 Type & Wt.	Set at ft.				o. ft. 0		
Formation, Fest.		írom	it. W		o. it. <u>0</u>		
Formation: Perf.	to	Actual Volume of Oil / Water t	to Load Hole:	***************************************	Bbi./Gai.		
Formation: Perf.					TOTAL STORY OF THE		
Liner: Size Type & Wt. Top at ft.		Pump Trucks. No. Used:	Std. 318 Sp.	Te	WIN		
Cemented: Periorated from		Auxiliary Equipment		27	and the second s		
Tubing: Size & Wt. 2 7/8 Swung at		Personnet BRANDON SCC					
Perforated from ft. to		Auxiliary Tools					
			Type				
Open Hole Size T.S. A. P.	· · · · · · · · · · · · · · · · · · ·		3.4"	C.::.	1 kg		
And the second s					Address of the second s		
Company Representative ED		Treater	BRANDO	N			
TIME PRESSURES Total Fluid Summed		***************************************	And the second s	######################################			
a.m./p.m. Tubing Casing Total Fluid Fumped		!	REMARKS				
9:00	ON LOCATION						
	PACKER-3227'						
	PERFS-3294-3300, 3330-3331						
	TUBING-18.7						
	CASING-1.6						
	TOTAL-20.3						
	1 Coll Mar McV and						
	INU RATE 1.5 BPN	4 000#					
	INJ RAIL 1.3 BIN	// 50011		and the second section of the account of the second second section of the second secon			
	6 41V 25 CVC CO6 4	V4/ C 42 AND 25	01/0 0014				
		W/ C-12 AND 25					
			19 BBL AND SHUT I	IN FOR 30 I	IVIIN		
	PRESSURED UP T	4 4			ļ		
	REVERSE OUT AN	ID PULL PACKER		entranta en la compania de la compa			
	**************************************	·	······································				
	THANKS	milialisments with time the findament is not a set commonwhich time the common account account most extension		-,			
	BRANDON						
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