

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1212400

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15						
Name:			Spot Description:						
Address 1:			Sec.	TwpS. R	East _ West				
Address 2:			F	eet from North / S	South Line of Section				
City: S	tate: Zi	p:+	Fe	eet from East / V	West Line of Section				
Contact Person:			Footages Calculated from	Nearest Outside Section Co	orner:				
Phone: ()			□ NE □ NV	V □SE □SW					
CONTRACTOR: License #			GPS Location: Lat:	, Long:					
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)				
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84					
Purchaser:			County:						
Designate Type of Completion:			Lease Name:	We	ell #:				
New Well Re	-Fntrv	Workover	Field Name:						
	_	_	Producing Formation:						
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _					
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total De	epth:				
CM (Coal Bed Methane)	dow	тетір. ды.	Amount of Surface Pipe Se	et and Cemented at:	Feet				
Cathodic Other (Con	e. Expl., etc.):		Multiple Stage Cementing Collar Used?						
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet				
Operator:			If Alternate II completion, of	cement circulated from:					
Well Name:			feet depth to:	w/	sx cmt.				
Original Comp. Date:	Original To	otal Depth:							
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Manageme	nt Plan					
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t						
O constitued and	D		Chloride content:	ppm Fluid volume:	bbls				
CommingledDual Completion			Dewatering method used:						
SWD			Location of fluid disposal if	f haulad offsita:					
☐ ENHR			Location of fluid disposal fi	nauleu olisite.					
GSW			Operator Name:						
_			Lease Name:	License #:					
Spud Date or Date Rea	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West				
Recompletion Date		Recompletion Date	County:	Permit #:					

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY										
Confidentiality Requested										
Date:										
Confidential Release Date:										
Wireline Log Received										
Geologist Report Received										
UIC Distribution										
ALT I II III Approved by: Date:										

1212400

Operator Name:			Lease	Name:			Well #:	
Sec Twp	S. R	East West	Count	y:				
open and closed, flow and flow rates if gas t	now important tops of fo ving and shut-in pressu to surface test, along w	res, whether shutith final chart(s). A	in pressure rea Attach extra she	ched static et if more s	level, hydrosta space is neede	tic pressures, t d.	oottom hole temp	erature, fluid recovery,
	og, Final Logs run to ob ed in LAS version 2.0 o				gs must be ema	iled to kcc-well	-logs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes n	No	☐ Lo		on (Top), Depth		Sample
Samples Sent to Geo	ological Survey	Yes N	No	Name)		Тор	Datum
Cores Taken Electric Log Run			lo lo					
List All E. Logs Run:								
			SING RECORD	Nev		ion etc		
Durance of Ctring	Size Hole	Size Casing		ight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)		/Ft.	Depth	Cement	Used	Additives
		ADDITI	ONAL CEMENT	ING / SQUE	EEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cemen						
Perforate Protect Casing								
Plug Back TD Plug Off Zone								
Did you perform a hydra	ulic fracturing treatment or	n this well?			Yes	No (If No,	skip questions 2 ar	nd 3)
	total base fluid of the hydra	=		_	= =		skip question 3)	
Was the hydraulic fractur	ring treatment information	submitted to the che	mical disclosure r	egistry?	Yes	No (If No,	fill out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridg potage of Each Interv			Acid, Fra <i>(Ar</i>	d Depth		
TUBING RECORD:	Size:	Set At:	Packer /	At:	Liner Run:	Yes	No	,
Date of First, Resumed	Production, SWD or ENH		g Method:	ng 🗆	Gas Lift C	Other (Evalois)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Wate		Other (Explain) bls.	Gas-Oil Ratio	Gravity
	ON OF GAS:	Open Hole	METHOD O Perf.	F COMPLET Dually		mmingled	PRODUCTION	ON INTERVAL:
Vented Sold			_	(Submit A		mit ACO-4)		
(ii ventea, Su	bmit ACO-18.)	Other (Spec	cify)			-		

Form	ACO1 - Well Completion
Operator	White & Ellis Drilling, Inc.
Well Name	Chain Ranch B 1
Doc ID	1212400

Casing

Purpose Of String		Size Casing Set	Weight	Setting Depth	Cement		Type and Percent Additives
conductor	17.5	13.375	48	56	AA2	100	
surface	17.5	8.625	24	350	AA2	250	
Production	7.875	5.5	17	4645	AA2	200	scavenger



TREATMENT REPORT

Customer	YOU G	7-134 1	77(Lease No	W	HETE	EUS	DRIV	Date	L	-16	-14		
Lease ChA	in RAMO	14 B		Well #		1		· · ·				•	<u> </u>	
Field Order #	Station	Pra				Casing /	Depth	59	County	BA	10-1		State 1	,
Type Job C	nw	C016	ucre	/			Formation				Legal De	scription	-31-	15
*	DATA			NG DATA		FLUID U						RESUME		
Casing Size	Tubing Size	e Shots/F	t		Ac	R+ 10	o Sus	COM	ATE.	PPE	3S 20 Cd	ISIP.1/u	H	<u> </u>
Depth 59	Depth	From	-	Γο	Pre	Pad .		Max				5 Min.		
Volume 9. 2	Volume	From		Γο	Pa	d ;		Min				10 Min.		
Max Press	Max Press	From		То	Fra	ac		Avg	•			15 Min.		
Well Connectio	n Annulus Vo	ol. From		Го				HHP Used				Annulus F	ressure	•
Plug Depth	Packer De	pth From		То	Flu	ısh 6	۹.	Gas Volum				Total Load		
Customer Rep	resentative		kuy	Statio	on Mai	nager Kev	in god	Day	Trea	ater 🖍	hike	MATT	41	
Service Units	37586	•	274	-3/		19959	73768	/						
	MATTIFI		Kuren	~1,'A		PHY	φ							
Time	Casing Pressure	Tubing Pressure	Bbis.	Pumped		Rate		· · · · · · · · · · · · · · · · · · ·			ce Log			
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BASIC energy services, L.P.

TREATMENT REPORT

Customer -	Wan 6	100	TAC	Leas	se No.	WH	कार्ड व	BUDSV	WILET	Date , ,	<i>L</i> -				
Lease Cha	in RAM	04 13	 -	Well	#		1		/!	4	-//	-/4			
Field Order#	Station	Pra	TT	' -	·		Casing	Depth Depth	351.8		, ,		State US		
Type Job	CNW	. 34	1 FAC	۲				Formation		•		escription	1-31-12		
PIPE	DATA	PER	FORAT	ING D	ATA		FLUID	USED		TREA	ATMENT	RESUME			
Casing Size		e Shots/	Ft			25	京了 。	50 SUL	COMME	ATE BE	ESS 5, cc	ISIP #			
Depth 357.8	Depth	From		То	-		Pad	· · · · · · · · ·	Max		73 CC	5 Min.	CF		
Volume 27.5	Volume	From		To		Pac	d	<u> </u>	Min			10 Min.			
Max Press U		From		То		Fra	iC		Avg			15 Min.			
Well Connection	n Annulus V	ol. From		То					HHP Used		· · · · ·	Annulus	Pressure		
Plug Seph 9		pth From		То		Flu	sh 19	- 7	Gas Volum	e		Total Loa	d		
Customer Rep		TJ P	1,894		Station	Man	ager Ke	vin 9011	Diery	Treater	Mil	M 4797	7-(
Service Units Driver			274				18831	19862							
Names	171.475 B)	T. L:	Griev	5			0 0	BB							
Time P	Casing Pressure	Tubing Pressure	Bbls.	. Pumpe	ed		Rate			Ser	vice Log				
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1024	4 NE Hi	way 61	P.O.	Вох 8	613	• P	ratt, KS	67124-86	13 • (620	0) 672-12	201 • Fa	ix (620)	672-5383		

Mud-Co / Service Mud Inc.

56 tt. 4650' tt.	7.1/2 hole to 3376	000'6	Amount		12509.80	1000.1	£12 595 90
13 3/8 " @ " (0) " (13 3/8 " (13 3/8 " (13 3/8 " (13 3/8 1) " (13 3/8	No loss on 17 1/2 hole no loss on 12 1/4 hole to 1200° Displaced at 3376 DST #1 AT 4280	Reserve Pit, Chl content ppm: 39,000 Estimated Volume: 1,800 BBL			id Cost	Trucking Cost Trucking Surcharge Taxes	TOTAL COST
Casing Program	Jp	serve Pit, Ch mated Volu			Total Mud Cost	Trucking Trucking Taxes	TOTA
IN R.A.	COST ORIG UP. 2,927 Drig. 9,450 Drig. 11,356 Drig. 17,510 Final: RTD-LDS LDS LDS LDS LDS LDS LDS LDS LDS LDS	Res	Amount				
56 SPM 8.18 BPM 202 FT/M 367 FT/M	Press.		ş				_
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, [°18]	RATIOWILIPATION ANALYSIS 20rds #/8BL ppn 1 3,00 1 5,00		Sacks		4		
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	- <	$\frac{ \cdot }{ \cdot }$		 			
County Location Sec Engineer	88 sq. p. H. Meter 1. 11.5 11.5 11.5 11.5 11.5 11.5 11.5		Materials	C/S HULLS CAUSTIC SODA DRILL PAK	LIME PREMIUM GEL	AST SLIG	
LING INC.	10 sec./ 10 min./ 14/48 14/48 14/54			C/S HULLS CAUSTIC S DRILL PAK	PREM	SODA ASH SUPER LIG	
	Vecosity			.:	24		
WHITE & ELLIS DRIL #1 CHAIN RANCH 'B' VAL #5 PRATT KS Date				MUD-CO / SERVICE MUD INC. 100 S. Main Suite #310	Wichita, Ks. 67202 316/264-2814 Fax: 316/264-5024	ECAP	
#5 #5 TKS	88-c-API			0-CO / SERVICE MUD 1	Wichita, Ks. 67202 4-2814 Fax: 316/26	DRILLING MUD RECAP	
WHITE & E #1 CHAIN F VAL #5 PRATT KS	MEIGHT 1938 9.0 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3		1	:0/SEI	Wichita, -2814	ILLING	
or sint	teet 1468 3882 4280 4553 4650			MUD-C	316/264	DR	
Operator Well Contractor Stockpoint	4/16 4/18 4/20 4/23 4/23						

CHAIN RANCH B-1 DST

DST #1 4234-4280': 30-45-60-60. 1st Op. SOB in 30sec. 2nd Op.

G.T.S. GA 45MCF in 10min, GA 41MCF in 20min, GA 9MCF in 30min, 14MCF in 30min., 14MCF in 60min. Rec. 40' GOCM (5%O, 20%G, 75%M), 126' GOCM (5%O, 10%G, 85%M), 63' GOWCM (10%W, 30%G, 30%O, 30%M). IFP 43-79#, FFP 66-109#, ISIP 1188#, FSIP 957#, IHP 2086#, FHP 2046#, Temp 118°. SHT @ 4280'=3/4°.

Last Fracture Date: County: Barber 15-007-24163-00-00 White And Ellis Well Name and Number: Latitude: Longitude: Datum: Production Type: Oil and gas True Vertical Depth (TVD): Total Base Fluid Volume (gal)*: 5/21/2014 5/21/2014 6/201



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address and Phone Number
lexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0200457%	
lexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025217%	
exsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0126085%	
laymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.0000000%	
lexcide B7	Chemplex	Biocide	Sodium Hydroxide	1310-73-2	5%	0.0002500%	
lexcide B7	Chemplex	Biocide	Alkaline Bromide Salts	N/A	0%	0.0000000%	
lexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0014085%	
exset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.8500000%	
lexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60%	1.0200000%	
rac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	60%	23.0%	
lexgel 907L-EB	Chemplex	Gelling Agent	Hydrocarbons	68476-34-6	100%	0.5000000%	
lexgel Breaker 10L	Chemplex	Breaker/Gel	No Hazardous Ingredient	N/A	0%	0.0000000%	
gredients shown abov	e are subject to 29 CR	F 1910.1200(i) and appear	on Material Safety Data Sheets (MSDS).	Ingredients shown b	elow are Non-MSDS.		
	1						
				-			

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

*Total Water Volume sources may include fresh water, produced water, and/or recycled water. **Information is based on the maximum potential for concentration and thus the total may be over 100% Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers' Material Safety Data Sheets (MSDS).



TREATMENT REPORT

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Customer W /	rite 8	FLLis.							Date	/_ n	3-/4	<u></u>	1. A
Lease Chair	1 Rano	ch B	We	ell#								=	
966()	Station	PraTT		· .		Casing 5			County	Ba	rbei		State 155
Type Job C/	1W	Long	STring.		·		Formation	<u></u>			Legal De	escription / -	31-12
PIPE	DATA	1.0	DRATING	DATA		FLUID	JSED		_	ΓREAT	MENT	RESUME	
Casing Size	Tubing Size	Shots/Ft	` .		Aci	d	•		RATE	TE PRESS		ISIP	
Depth 4/64/5	Depth	From	· To			Pad		Max				5 Min.	
Volume 107	Volume	From	То		Pad	d ·		Min ¯		. 6		10 Min.	
Max Press	Max Press	From	То	•	Fra	ıc		Avg				15 Min.	·.
Well Connection	<u> </u>	From	То					HHP Used				Annulus Pre	essure
Plug Depth-	Packer De	pth From	То		Flu	<u> </u>		Gas Volur			*	Total Load	
Customer Repr	esentative			Statio	n Man	ager			Trea	ater			
Service Units	77686	19905	19826	198	60		37216						
Driver Names		Ke	Jos	ha			Joe			. •			
Time	Casing Pressure	Tubing Pressure	Bbls. Pum	ped		Rate					ce Log	·. ·.	
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