

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1096573

Form ACO-1 June 2009 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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	County:
Name:	
Wellsite Geologist:	
Purchaser:	-
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at:
Operator:	_
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWE	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East 🗌 West
ENHR Permit #: GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	-

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								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken		Yes No	o [Log Formati	ion (Top), Depth an	id Datum	Sample
(Attach Additional She Samples Sent to Geolog		Yes N		Name		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes No Yes No Yes No)				
List All E. Logs Run:							
			ING RECORD	New Used	ction oto		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot			RECORD - Bridge Plugs Set/Type otage of Each Interval Perforated					Depth		
TUBING RECORD:	Si	ze:	Set At:	t At: Packer At:			Liner R	un:	No	
Date of First, Resumed Production, SWD or ENH				Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Oil Bb Per 24 Hours		ls.	Gas Mcf		Wate	er	Bbls.	Gas-Oil Ratio	Gravity	
						I.				
DISPOSITIO	ION OF GAS: METHOD OF COMPLI						TION:		PRODUCTION INTER	RVAL:
Vented Sold						Commingled (Submit ACO-4)				
(If vented, Sub	mit ACC)-18.)		Other (Specify))					

SOUTHWIND DRILLING, INC. **RIG** #4

PO Box 276, Ellinwood, KS 67526 Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Musenberg #9

Location: 890' FSL & 1650' FEL	Section 33-18S-11W					
API#: 15-009-25502-00-00	Barton County, Kansas					
OWNER:K&N Petroleum, Inc.CONTRACTOR:Southwind Drilling, Inc.	<u>COMMENCED</u> : 1/15/2011 <u>COMPLETED</u> : 1/22/2011					
TOTAL DEPTH: Driller: 3850'	Ground Elevation: 1800'					
Logger: 3851'	KB Elevation: 1806'					

LOG:

0'	-	245'	Sand / Shale
245'	-	598'	Red Bed
598'	-	845'	Red Bed/ Sand
845'	-	2730'	Sand / Shale
2730'	-	3401'	Lime / Shale
3401'		3850'	Arbuckle
		3850'	RTD

CASING RECORDS

Surface casing - 8 5/8"

Ran 14 joints of new 23# 8 5/8 casing, Tally @ 577', Set @ 598', cement with 250 sacks 60/40 Poz with 3% CC and 4% gel, 150 sacks of common 3% CC. Cement did circulate. Plug down @ 8:45 pm on 1/15/2011, by Copeland (Ticket #C37512).

Production casing - 5 1/2"

Ran 5 ¹/₂ casing, Tally @ _____', Set @ ____', with _____ sacks of cement. Cemented by Copeland. Plug down @ 6:00 am on 1/22/2011

DEVIATION SURVEYS

1 degree(s) a) 598'

SOUTH		ILLING, INC.	SIGNING DIG	LLING REPO	
PO Box				Well Ni Locatio	≥ e: Musenberg #9 n: 890' FSL & 1650' FEL
B North	n Main	Sta	mund	cocatio	Section: 33-185-11W
Ellinwo	ood, Kansas	67526	nc.		Barton County, Kansas
	0) 564-3800			Elevati	on: G.L. 1800'
Fax: (62	20) 564-384	5	Y		K.B. 1806'
Rig #4					API# 15~009-25502-00-00
		rt Stevenson)·	: (620) 617-1716	KR N D	etroleum, Inc.
		520) 566-7052	(0=0) 017 1710	1105 W	•
	ist Trailer:				Bend, Kansas 67530
Wellsit	e Geologis	t (Jim Musgrov	ve): (620) 786-0839	•	0) 793-4023
				Email t	o: K&N Petroleum (Ed Nemn
Driving	Directions: F	rom Ellinwood go	5 miles North, 1 ¾ mile I	East, North Into.	
Day	1	Date	1/15/2011	Saturday	Survey @ 598' @ 1degree
	j	·····		Jaturday	Survey to 558 to Idegree
Spud @	5:00 pm				
	•	g. down 19.75 ho	ours (18.00 rig up, 1.00 jet	and connect 75 ria	renair on numa)
		0,		and connect, 75 Hg	repair on pump)
Mud Ma	eight = 9.0, VI	S = 34			
		5 = 54 Mud Cost to Date	- 6706 00		
		RPM = 120, Pump	Pressure = 600		
mours of	n Bit = 8.25 h	ours			
	= 45.70 gallon				
	-	s 35″ delivered = 5	9.50″		
Fuel usa	ge: 24" plus	35″ delivered = 5		ent with 250 sacks 6	0/40 Poz with 3% CC and 4% gel. 1
Fuel usa Ran 14 ji sacks of	ge: 24" plus oints of new : common 3%	35" delivered = 5 23# of 8 5/8, tally CC. Cement did c	' @ 577', set @ 598', Cem irculate. Plug down @ 8:4	45 pm on 1/15/2011	0/40 Poz with 3% CC and 4% gel, 1 by Copeland (ticket #C37512).
Fuel usa Ran 14 ji	ge: 24" plus oints of new :	35" delivered = 5 23# of 8 5/8, tally	/ @ 577', set @ 598', Cem	ient with 250 sacks 6 \$5 pm on 1/15/2011 Sunday	0/40 Poz with 3% CC and 4% gel, 1 by Copeland (ticket #C37512). Survey @ 598' @ 1 degree
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MORNING DE	
SOUTHWIND DRILLING, INC PO Box 276 8 North Main Ellinwood, Kansas 67526 PH: (620) 564-3800 Fax: (620) 564-3845	Well N ne: Musenberg #9 Location: 890' FSL & 1650' FEL Section: 33-18S-11W Barton County, Kansas Elevation: G.L. 1800' K.B. 1806' API# 15-009-25502-00-00
Rig #4 Toolpusher (Robert Stevenson): (620) 617-1716 Rig (Doghouse): (620) 566-7052 Geologist Trailer: Wellsite Geologist (Jim Musgrove): (620) 786-0839	K&N Petroleum, Inc. 1105 Walnut Great Bend, Kansas 67530
Driving Directions: From Ellinwood go 5 miles North, 1 3/ mile	e East. North Into.
Day 4 Date 1/18/2011	Tuesday Displacement (2605')
7:00 am Drilling @ 2273' Hole Made: 919' Ran 19.75 hours drilling, down 4.75 hours (2.25 jet/connectio on draw work) Mud Weight = 8.9, VIS = 48 Daily Mud Cost = \$3,125.00, Mud Cost to Date = \$4,325.00 WOB = 30,000, RPM = 80, Pump Pressure = 800 Hours on Bit = 49 hours 1" fuel = 45.70 gallons Fuel usage: 365.60 gallons (42" used 8" = 34")	n, 1.00 rig check, .75 displace @ 2605′, .25 repair – fix air leak
Day 5 <u>Date 1/19/2011</u>	Wednesday
7:00 am Drilling @ 2920' Hole Made: 647' Ran 19.25 drill, down 4.75 hours (1.50 circulate, 1.00 rig chect 1.50 jet/connect) Mud Weight = 9.6, VIS = 45 Daily Mud Cost = \$443.05, Mud Cost to Date = \$4768.05 WOB = 30,000, RPM = 80, Pump Pressure = 800 Hours on Bit = 61.25 hours 1" fuel = 45.70 gallons	k, .75 repair geo line and tighten snuffin box on mud pump,
Fuel usage: 319.90 gallons (34" delivered 16" = 50" used 7" =	= 43″)
Day 6 Date 1/20/2011	Thursday
7:00 am Drilling @ 3353' Hole Made: 433' Ran 10.75 hours drilling, 13.25 hours down (4.50 circulate, 5.0 2.50 testing, .50 jet/connect) Mud Weight = 9.3, VIS = 48	00 trip, strap w/ .91 long to the board, .50 rig check, .25 repair,
Daily Mud Cost = \$1,140.20, Mud Cost to Date = \$5,908.25 WOB = 30,000, RPM = 80, Pump Pressure = 800 Hours on Bit = 72.00 hours	

<u>r</u> ^o RNING	
SOUTHWIND DRILLING, INC	Well N ine: Musenberg #9
PO Box 276	Location: 890' FSL & 1650' FEL
3 North Main	Section: 33-185-11W
Ellinwood, Kansas 67526 Dallar Inc.	Barton County, Kansas
PH: (620) 564-3800	Elevation: G.L. 1800'
Fax: (620) 564-3845	K.B. 1806'
Rìg #4	API# 15-009-25502-00-00
Foolpusher (Robert Stevenson): (620) 617-171	
Rig (Doghouse): (620) 566-7052	6 K&N Petroleum, Inc. 1105 Walnut
Geologist Trailer:	Great Bend, Kansas 67530
Wellsite Geologist (Jim Musgrove): (620) 786-	
	Email to: K&N Petroleum (Ed Nem
priving Directions: From Ellinwood go 5 miles North, 1	% mile East, North Into.
Day 7 Date 1/21/2011	Friday DST #1 (3401')
:00 am Drilling @ 3533' Iole Made: 180' Ian 18.50 hours drilling, down for 5.50 hours (1.25 jet/c Aud Weight = 9.3, VIS = 56, WL = 10.0 Daily Mud Cost = \$626.75, Mud Cost to Date = \$6,535.00	
lole Made: 180′ an 18.50 hours drilling, down for 5.50 hours (1.25 jet/c /lud Weight = 9.3, VIS = 56, WL = 10.0	connect, .50 rig check, 3.25 trip, .50 test)
lole Made: 180' can 18.50 hours drilling, down for 5.50 hours (1.25 jet/c Aud Weight = 9.3, VIS = 56, WL = 10.0 Daily Mud Cost = \$626.75, Mud Cost to Date = \$6,535.00 VOB = 30,000, RPM = 80, Pump Pressure = 800 lours on Bit = 92.25 hours " fuel = 45.70 gallons	connect, .50 rig check, 3.25 trip, .50 test)
Hole Made: 180' tan 18.50 hours drilling, down for 5.50 hours (1.25 jet/c Mud Weight = 9.3, VIS = 56, WL = 10.0 Daily Mud Cost = \$626.75, Mud Cost to Date = \$6,535.00 VOB = 30,000, RPM = 80, Pump Pressure = 800 Hours on Bit = 92.25 hours "fuel = 45.70 gallons uel usage: 502.70 gallons (36" used 11" = 25")	connect, .50 rig check, 3.25 trip, .50 test)



R & W Bit Service

500 East Santa Fe • P.O. Box 635 Ellinwood, KS 67526 Phone: Bus. (620) 564-2305 Res. (620) 564-3311



KERRY WATKINS

perped from water pix to Rig(gas pomp)	Wrater Havied by Brackeen A7626	Mikes port-pot + trailer			Dudy's get no ticket or tail on it plugboung Cioopm on 1-12-11	Ran 5/2 casing with 0.5 casing crew comented by copy land	phy Bown 8:45 AM + 11-11	ment Did	peland with 250 St Chaps	Qigt. 0 3850 Lugger S T.O 3851 Lugged by log tech	DST #1 3401 ArB Record 30' mud 6 ail puxed	1.01 Sam	2 73 RO 5-52 NN2764 W/1/5 3850 3252 924 / 35 30/ 1 6 6 10 9552 2 424 10	1 4 RO XX-CIDY F44DJ 3755 598 598 84 / 72 1000 / 608 1 6 60 10 98 37 2 000	Bit No. Size Mfg Type Serial No. Jess/ Depth Out Footage Hrs. Acc. ROP WOB RPM PLMP COMP Mud VIS WL Mud T To Moc Loc a		Rig directional company Dispose	Well NAME WELL NO. WELL NO. API WELL NO. MUSEN berg WELL NO. API WELL NO. MUSEN berg KEN A DOG-25502-00-00 South build by KEN Petro levin	Bit Record No.
			28975 768125	2 The second sec	End Fuel 25"							No 0 of Coal 10.1 Sar	citer tolly of HIS		MDC LOC	Dull Bit Characteristics		KEN Petro leum	

Mud-Co / Servis 2 Mud Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. N	/lain St.,	Suite #	310, Wicl	hita,Ks.	67202						Report:	1	
Daily Dril	lling Mud	Report							Date:	01/13/11	Depth:	0	
Operator	140 11 0					Contractor			Lunden	Rig No.			
Address	K&N Pe	etroleur	<u>n</u>			Southwind					4		
	Rig					Address Rig				Spud Date	142144		
Report for M						Report for Mr.	· · · · · · · · · · · · · · · · · · ·			Section	/ /13/11	Range	
	Ed Nen	nnich				Robert Steve	enson			33	185	11W	
Well Name						County			State				
	Musen	berg #9				Barton				Kansas			
Operation Present Activ	itv		Casing		Muc Hole	Volume (BBL) Pits	Lines Office			rculation Data	10		
RU	•	8 5/8	in. at	0	0	350	Liner Síze 6	Stroke 14	Oppos	site Drill Pipe 62	Pump Press	ure	
Bit Size (in.)	No		Intermediate	•	Total Circula	ting Vol.	Est.Hole/DC d		Oppos	site Drill Collars	Pump Make		
12 1/4	1		in. at			350	14	•		72	Em	sco	
Drill pipe sz	Туре	P	roduction / Line	er 👘	Volume in S	•	BBI/ Strk		Bottor	ns Up (Min.)	Pump Model		
4 1/2 Drill Collar siz	XH	Drilling mud	in. at			0	0.129	60		1	D-3	375	
6 1/4	475	conning maa i	Gel/Lim	0			BBL.Min, 7.8	GAL/Min. 326	Syste.	m Total (Min) 45			
Sample fror		or Pit	GCI/LIIII			Daily Mud Cost	1 7.0	320	Cum	40 ulative Mud Cost			
Flowline Te				Mud Prope	erties		786.	00	Cum	5/20140 Milda 0031	786	00	
Carlo and a faile of a second database							contraction and a second s		S SPE	CIFICATIONS			
Time Sam	ple Taken		2:53 PM			Mud Wt.(lbs/gal.)	Visco		1	Filtrate	LC	CM	
Depth (Ft.			0			<10.0	36-4	40		No Cont	As ne	eded	
Weight (Ib						-							
	ient (psi/ft.)		ļ			Suggest forsu							
Plastic Vis	scosity (Se	c/qt. API)				1. Spud with 3	36-40 VIS	of gel a	ind li	me slurry.			
	it (lb/100 sc	1 ff)		·		2. Control we 3. Add 4-6 sx	IGNT AS ION	N as pra tiolly or	actic	ai, preteran	y <10.0		
	gth 10 sec					0. Add 4-0 SX	s nuiis ini	uany an	ստ	en as neeue	z u		
pH			· · · · · · · · · · · · · · · · · · ·			Drill out from u	under sun	ace wit	h wa	ater and iet o	offen		
	Pl (ml/30 m	in.)	Make up					400 mi		itor unu jota	570011.		
	kness 32r	ıd	water			Add premix as				aning:			
Alkalinity,							80 bbls i		ater				
	Filtrate (Pf						1 sk Soc						
Chloride C Calcium. J	Content, pp	m	300 160				20-25 sł	(Premi	um (<i>jel</i>			
	itent (% by	Vol	100			Have frac tan	k and nra	miv full	lono	l roody to di	onlogo th		
	ntent (% by				1	system at 20	600' or ne	r apo's	orde	are	spiace in	e	
	nt (% by Vo					Gyotoin at 20	80 bbls			<i>.</i>			
	ntent (% by						2 sk Soc						
LCM, lbs/							1 sx Cal		oda				
Reynold's			#DIV/0!				20 sk Pi		Gel				
Reynold's			#DIV/0!				1/3 sx P						
ECD lb/g		LING MI	#DIV/0! D INVENT		<u> </u>	ļ	1 sx lign	lite					
Products:			On Hand	Used	Cost	Pump 40-60 b	bls fresh	water a	ahea	d of displac	ement m	ud	
Premium Gel	280		250	30	495.00	After displacin	na:						
Lime	6		5	1	11.00	1. Maintain vi	išcosity 4	8-52 se	c/at	with gel mix	ed with r	oit mud	
Soda Ash	28		28			2. Control mu	id weight	9.2-9.5	with	water at flo	wline		
Caustic Soda	19		19			3. Add LCM a	s needed						
Lignite	15	·	15										
C/S Hulls	100		80 6	20	280.00								
Drilí Pak Desco	2		2										
Poly Plus	2		2										
Florigel													
Xcide						Thank You							
Sapp	······					1							
Barite]#							
MilGuard						#							
Mud-Co / S	ervice Mud I	Represental	live		Home Add	ı. ress			Tele	phone Number			
Rick Hu						end, Kansas)-792-5425			
					Warehous	e Location				phone Number			
Cell: 62	0-791-76	23			Pratt, M	(s.)-672-2957			

Cell:	620-7	91-7	623

Mud-Co / Servire Mud Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

	ii) ourio ii	010, 110	ma _j na.	07202						Report:	1		
Daily Drilling Mu	d Report							Date:	01/13/11	Depth:	0		
Operator	D-4				Contractor		<u></u>	Rig No.					
Address	Petroleu	m			Southwind Address		4 Spud Date						
Rig	·····				Rig					/13/11			
Report for Mr. Ed Ne	emnich				Report for Mr. Robert Steve	aneon			Section Twp Range 33 18S 11V				
Well Name & No.					County	105	11W						
Operation IVIUSE	nberg #9	Casing		N MI	d Volume (BBL)	Y		Kansas Circulation Data					
Present Activity	0.00	ouonig		Hole	Pits	Liner Size	Stroke		ite Drill Pipe	Pump Press	ure		
Bit Size (in.)	8 5/8	in. at Intermediate	0	0 Total Circula	350	6 Est.Hole/DC d	14	0	62 ite Drill Collars	D			
12 1/4 1		in. at		{	350	14	apacilles	Oppos	11e Dhii Collars 72	Pump Make	sco		
Drill pipe sz Tyj 4 1/2 XH	De F	Production / Lin in. at	er	Volume in :	-	BBI/ Strk		Botton	ns Up (Min.)	Pump Model	1		
Drill Collar size	Drilling mud	type			0	0.129 BBL./Min.	60 GAL/Min.	Syster	n Total (Min)	D-3	375		
6 1/4 475 Sample from Flowline	as Dia	Gel/Lin	le	×*****		7.8	326		45				
Flowline Temperature		-	Mud Prop	erties	Daily Mud Cost	0.0	0	Cumu	lative Mud Cost	0.0	00		
Manager								S SPEC	CIFICATIONS	V.U	00		
Time Sample Take Depth (Ft.)	n	0			Mud Wt.(lbs/gal.)	Visco		1	Filtrate	LC			
Weight (lb/gal.)		v	<u> </u>		<10.0	36-	40	<u> </u>	Vo Cont	As ne	eded		
Mud Gradient (psi/					Suggest forsu	rface hole	e:						
Funnel Viscosity (S Plastic Viscosity cp				<u> </u>	1. Spud with 3	36-40 vis	of gel a	nd lii	me slurry.				
Yield Point (lb/100					2. Control wei 3. Add 4-6 sx:	grit as ioù s hulls ini	v as pra tiallv an	actica d the	ai, preteraby en as neede	/<10.0			
Gel Strength 10 s	ec/10 min.]		-						
pH Filtrate API (mi//30		Make up			Drill out from u	inder surf	face wit	h wa	ter and jet o	often.			
Cake Thickness 3		water			Add premix as	needed	for hole	clea	nina [.]				
Alkalinity, Mud (Pr						80 bbls i	fresh wa	ater					
Alkalinity, Filtrate (I Chloride Content, p					-	1 sk Soc 20-25 sk		um C	Pol				
Calcium. ppm	·····-					20-20 36	(i i c i i i i	uni e					
Sand Content (% b Solids Content (%					Have frac tan	k and pre	mix full	and	ready to dis	splace th	е		
Oil Content (% by \					system at 26	80 bbls i	r geo's fresh w:	orde ater	rs.				
Water Content (%						2 sk Soc	ia Ash						
LCM, lbs/bbl. Reynold's #DP		#DIV/0!				1 sx Cau							
Reynold's # DC		#DIV/01			-	20 sk Pr 1/3 sx P		Gei					
ECD lb/gal		#DIV/01	<u>AD17</u>			1 sx lign							
Products: Delivery		On Hand	Used	Cost	Pump 40-60 b	bls fresh	water a	head	d of displace	ement mi	ud		
Premium Gel28		280		····	After displacin	g:							
	<u>6</u>	6] 1. Maintain vis	scosity 48	3-52 sec	c/qt v	vith gel mixe	ed with p	it mud		
Soda Ash 20 Caustic Soda 1		<u>28</u> 19			2. Control mu	d weight : s needed	9.2-9.5	with	water at flo	wline			
Lignite 1	5	15				necucu							
C/S Hulls 10 Drill Pak	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	<u>100</u> 6											
	<u>6</u> 2	2			-								
Poly Plus	2	2											
Florigel	····· ····				Thonk You								
Xcide Sapp					Thank You								
Barite													
MilGuard													
Mud-Co / Service Mud	d Representat	ive		Home Add		22- 00-0		Telep	hone Number		**************************************		
Rick Hughes				Great B Warehous	end, Kansas				792-5425				
Cell: 620-791-7	623			Pratt, P				1 elep 620	hone Number - 672-2957				

Mud-Co / Serville Mud, Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. Main	n St., Suite #3	310, Wicł	nita,Ks.	67202						Report:	2	
							ſ		~			
Daily Drilling	Mud Report								01/17/11	Depth:	1599	
Operator	N Petroleun	•			Contractor				Rig No.	4		
Address No	N Feuoleun	[]			Southwind Address				Spud Date	4		
Rig	1				Rig					/13/11		
Report for Mr.	n Musgrove				Report for Mr. Robert Steve	noon			Section 33	Twp 18S	Range 11W	
Well Name & No.					County	:115011		State	33	103	1144	
	senberg #9				Barton			1	Kansas			
Operation Present Activity		Casing		Muc Hole	I Volume (BBL) Pits	Liner Size	Stroke		culation Data ite Drill Pipe	Pump Press		
Drilling	8 5/8	in. at	585	176	400	6	14	Ορρος	191	ir unip ricess	-	
Bit Size (in.)	No	Intermediate		Total Circula	ting Vol.	Est.Hole/DS	capacities	Oppos	ite Drill Collars	Pump Make		
7 7/8 2	2 Turan	in. at roduction / Line	-	Mahuma in O	576	11		5.4	348	Em		
	Туре Рі С Н	in. at	1	Volume in S	lorage	BBI/ Strk 0.129	Strk / Min. 60	Botton	ns Up (Min.) 20	Pump Mode	375	
Drill Collar size	Drilling mud t					BBL./Min.	GAL/Min.	Syster	n Total (Min)			
	73	Native	***			7.8	326		74			
Flowline Temper	wline_xor_Pit ature		Mud Prope	rtioc	Daily Mud Cost	414	00	Cumi	ilative Mud Cost		0.00	
			Widd T Tope	11100				S SPE	CIFICATIONS	1,20	<u>v.v.</u>	
Time Sample	Taken	1:35 PM			Mud Wt.(lbs/gal.)	Visco	sity		Filtrate	1	СМ	
Depth (Ft.)		1,599			9.0-9.5	As ne	eded		No Cont	As ne	eded	
Weight (lb/gal. Mud Gradient		10.0 0.520			Suggost							
	ity (Sec/qt. API)	27			Suggest							
Plastic Viscosi		0			Water - run go	od streal	m and ie	et oft	en			
Yield Point (lb/		1			-		-					
	10 sec/10 min.	0/1			Add premix as				aning:			
pH Filtrate API (m	1/30 min)	7.0 N/C				80 bbls 1 sk So		ater				
Cake Thicknes		-					k Premil	um (3el			
Alkalinity, Mud	l (Pm)	0			j				~ ~ .			
Alkalinity, Filtra		0/-			Have frac tan					splace th	10	
Chloride Conte Calcium. ppm	ent, ppm	106K Hvy			system at 20	500° or p€ 80 bbls	er geo's froob w	orde	ers.			
Sand Content	(% by Vol)	Tr				2 sk So		ater				
Solids Conten	t (% by Vol.)	5.8			-		ustic So	da				
Oil Content (%		0.0					remium	Gel				
LCM, lbs/bbl.	t (% by Vol.)	94.2				1/3 sx F						
Reynold's #DP		26,568				1 sx ligr	me		·			
Reynold's # D		87,965			Pump 40-60 b	bls fresh	water a	hea	d of displac	ement m	nud	
ECD lb/gal		10.82	·····						·			
Products: Pric	DRILLING MU or Day Delivery		۲Y Used	Cost	After displacir. 1. Maintain vi		8-52 se	c/at	with ael mix	ed with	nit mud	
					2. Control mu	id weight	9.2-9.5	with	water at flo	owline		
Premium Gel	250	230	20	330.00	3. Add LCM a	s needec	1					
Lime Soda Ash	<u>5</u> 28	<u>5</u> 28										
Caustic Soda	19	19			-							
Lignite	15	15			-							
C/S Hulls	80	74	6	84.00								
Drill Pak	<u>6</u> 2	62			Thank You							
Desco	2	2			, mank rou							
Florigel		·			-							
Xcide												
Sapp												
Barite MilGuard												
	o Mud Desses		······		<u> </u>	••••••••••••••••••••••••••••••••••••••						
Rick Hughe	e Mud Represental	uve		Home Add	^{iress} lend, Kansas				phone Number)-792-5425			
And a second a second as a				Warehous	e Location			Tele	phone Number	·········		
Cell: 620-7	91-/623			Pratt, I	<u>18.</u>			620)-672-2957			

Mud-Co / Servil 2 Mud, Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. M	ain St.,	Suite #3	310, Wic.	hita,Ks.	67202					1.01.01.01.01.01.01.01.01.01.01.01.01.01	Report:	3	
Daily Drilli	ing Mud	Report							Date:	01/18/11	Depth:	2476	
Operator	CRN DO	troleun	•			Contractor				Rig No.	4		
Address		uoleun				Southwind				Spud Date	4		
	Rig					Rig					/13/11		
Report for Mr	Ed Nen	nich				Report for Mr.				Section		Range	
Well Name &		men				Robert Stev	enson		State	33	185	11W	
	Nusent	oerg #9				Barton			/	Kansas			
Operation Present Activity	,		Casing		Muc Hole	Volume (BBL) Pits		04		culation Data			
Drilli		8 5/8	in. at	585	248	400	Liner Size 6	Stroke 14	Oppos	ite Drill Pipe 191	Pump Press	ure	
Bit Size (in.)	No		Intermediate	· · · · · · · · · · · · · · · · · · ·	Total Circula	ting Vol.	Est.Hole/DC	capacities	Oppos	ite Drill Collars	Pump Make		
7 7/8 Drill pipe sz	<u>2</u> <i>Тур</i> е	Dr	in. at oduction / Lini	~	Volume in S	648	10			348	Em		
4 1/2	XH	F1	in. at	91	volume in S	600	BBI/ Strk 0.129	Strk / Min. 60	Botton	ns Up (Min.) 28	Pump Model D-3		
Drill Collar size		Drilling mud t			<u>1</u>		BBL./Min.	GAL/Min.	Syster	n Total (Min)	Critical GPM		
6 1/4 Sample from	473	Dit	Native				7.8	326		84	37	50	
Flowline Tem	_		Г	Mud Prop	erties	Daily Mud Cost	3,12	5 00	Cumu	ilative Mud Cost	4,32	5 00	
				maarrop			CONTRACTOR OF THE OWNER		S SPE	CIFICATIONS	4,32	5.00	
Time Samp	le Taken		1:45 PM			Mud Wt.(lbs/gal.)	Visco			Filtrate	1 40	M	
Depth (Ft.)			2,476			9.4-9.8	As ne	eded		No Cont	As ne	eded	
Weight (lb/g Mud Gradie			9.8 0.510			Suggoot							
Funnel Visc			27			Suggest							
Plastic Visc		<u> </u>	1			Water - run ge	ood streai	m and ie	et oft	en			
Yield Point			1					-					
Gel Strengt pH	n 10 sec	/10 min.	0/1 7.0			Add premix a				aning:		14	
Filtrate API	(ml/30 mi	n.)	N/C				80 bbls 1 sk So		ater			5,	
Cake Thick			-				20-25 si		um G	Gel			
Alkalinity, M			0									•	
Alkalinity, F Chloride Co			0/-			Have frac tar	ik and pre	mix full	and	ready to dis	splace th	е	
Calcium. pr		11	75,000 Hvy			system at 2	80 bbls	er geo s troch w	OFGE ator	ers.			
Sand Conte		Vol)	Tr				2 sk So		ater				
Solids Con			6.2				1 sx Ca	ustic Sc					
Oil Content Water Cont			0.0 93.8				20 sk P		Gel				
LCM, lbs/bl		VQI.)	93.0				1/3 sx F 1 sx ligr						
Reynold's #			28,233				i oz iigi	me					
Reynold's			42,949			Pump 40-60 I	bbls fresh	water a	head	d of displace	ement m	ud	
ECD lb/gal			D INVENTO	DV	CALIFORNIA CONTRACTOR CONTRACTOR	Attor diaplaci	~~.						
Products: F				Used	Cost	After displacii 1. Maintain v 2. Control mi	išcosity 4	8-52 se 9 2-9 5	c/qt with	with gel mix water at tio	ed with p	oit mud	
Premium Gel	230		120	110	1,815.00	3. Add LCM a	is needed	,	**1611				
Lime	5		5										
Soda Ash	28 19		23 14	5	<u>126.25</u> 327.75								
Caustic Soda	15		14	5									
C/S Hulls	74		70	4	56.00								
Drill Pak	6		4	2	660.00								
Desco	2		2			Thank You							
Poly Plus Florigel	Z												
Xcide													
Sapp													
Barite						#							
MilGuard		·····				#							
Mud-Co / Sei Rick Hug		Representati	ve			end, Kansas			620	bhone Number - 792-5425			
					Warehous	e Location			Tele	phone Number			

Pratt, Ks.

620-672-2957

Cell: 620-791-7623

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Mud-Co / Servic. Mud, Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. N	lain St.,	Suite #	310, Wic	hita,Ks.	67202						Report:	4			
Daily Dril	ling Mud	Report							Date:	01/19/11	Depth:	2929			
Operator	K&N Pe	otrolour	71			Contractor Southwind				Rig No.					
Address		, u orean				Address				4 Spud Date					
Report for N	Rig					Rig Report for Mr.					1/13/11	~			
	Ed Nen	nnich				Robert Steve	enson			Section 33	Twp 1 18S	Range 11W			
Well Name a	_{& No.} Museni	hera #9				County Barton			State	Kansas	<u> </u>				
Operation	a a construction of the state of the		Casing			Volume (BBL)	ſ	*		Circulation Data		······			
Present Activi Drill		8 5/8	in. at	585	Hole 256	Pits 350	Liner Size 6	Stroke 14	Oppos	ite Drill Pipe 191	Pump Pressu	re			
Bit Size (in.)	No		Intermediate		Total Circula	ting Vol.	Est.Hole/DS	capacities		ite Drill Collars	Pump Make	-			
7 7/8 Drill pipe sz	2 Туре	P	in. at roduction / Lin	er	Volume in S	606	8.75	2.327 Strk / Min.		348 1s Up (Min.)	En Pump Model	nsco			
4 1/2	XH		in. at			Volume	0.129	60	BULLOII	28		375			
Drill Collar siz	e 473	Drilling mud t	or Chemic	al			BBL./Min. 7.8	GAL/Min. 326	Systen	n Total (Min) 78	Critical GPM 193	DC/DP 254			
Sample from	n Flowline	xorPit				Daily Mud Cost	1 7.0	520	Cumu	lative Mud Cost	195	204			
Flowline Ter	nperature _			Mud Prope	erties		443		<u> </u>		4,70	68.05			
Time Sam	ple Taken		7:45 AM			Mud Wt.(lbs/gal.)	MUE Visco		IES SP	ECIFICATIONS Filtrate	1	.CM			
Depth (Ft.			2,929			9.0-9.4	48-			8-10.0		leeded			
Weight (lb Mud Grad		\	9.0 0.468			Suggest:				· · ·					
	cosity (Se		44			Suggesi.									
Plastic Vis		. 4)	10			Water - small	stream w	hile drill	ling						
Yield Point (lb/100 sq.ft.) 9 Gel Strength 10 sec/10 min. 11/28 Gel Strength 10 sec/10 min. 11/28							th nit	mud							
pН			11.5												
	⁴ (ml/30 m kness 32r		9.6 1	Reserve pit		Suggest at 3200' or after DST #1, whichever comes first: 80 bbls water									
Alkalinity,	Mud (Pm)		-			2 caustic									
	Filtrate (Pf Content, pp		.7/- 5,300	68,000		2 Soda Asl	7								
Calcium. p		111		Estimated	1	1 lignite 1/2 sx pac									
	tent (% by		TR	Volume:		Gel as nee									
	ntent (% by ht (% by Vo		4.7 0.0	1200 bbls		Jet hole and	add over	1 1/2 n	ours						
Water Co	ntent (% by		95.3			Add LCM as n	eeded								
LCM, lbs/t Reynold's		·	0 2,821			Add 15 sxs H	lulis after	1st Ark	buckl	e test or if r	nore thar	n 30'			
Reynold's	#DC		4,151			1									
ECD lb/ga		ING MUD IN	9.52			Keep hole full	on all trip)S							
Products:		Delivery	On Hand	Used	Cost	Circulate hole	clean pri	or to DS	ST or	r log					
Premium Gel	120		120			Thanks									
Lime Soda Ash	5 23		<u> </u>	6	151.50	-									
Caustic Soda	14		13	1	65.55	1									
Lignite	<u>10</u> 70		9 69	1	28.00										
C/S Hulls Drill Pak	4		4		14.00										
Desco	2		2												
Poly Plus Florigel	2		1	1	184.00										
Xcide			· ·····												
Sapp Barite		·													
MilGuard						#									
Mud-Co / S		Representat	ive		Home Add				Telei	phone Number	·····				
Rick Hu	ghes				Great B Warehouse	end, Kansas			620	-792-5425					
Cell: 62	20-791-76	323		· · · · · · · · · · · · · · · · · · ·	Pratt, K					ohone Number - 672-2957					

Mud-Co / Servic 2 Mud, Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. N	lain St.,	Suite #:	310, WIC	hita,Ks.	67202						Report:	5
Daily Dril	ling Mud	Report							Date:	01/20/11	Depth:	3369
	K&N Pe	etroleun	n			Contractor Southwind				Rig No.	4	
Address	Rig					Address				Spud Date		
Report for N	1r.					Rig Report for Mr.				Section	/ 13/11 Twp	Range
Well Name	Jim Mu	sgrove				Robert Steve	enson			33	185	11W
	Musen	berg #9				County Barton			State	Kansas		
Operation Present Activ	itv		Casing		Muc Hole	I Volume (BBL)	()=== 0)==		Cii	culation Data		······································
Drill		8 5/8	in. at	585	295	Pits 350	Liner Size 6	Stroke 14	Oppos	ite Drill Pipe 191	Pump Press	ure -
Bit Size (in.) 7 7/8	No 2		Intermediate		Total Circula		Est.Hole/DS	capacities	Oppos	ite Drill Collars	Pump Make	
Drill pipe sz	Туре	Pi	in. at roduction / Lin	er	Volume in S	645 torage	8.75 BBI/ Strk	2.327 Strk / Min.	Botton	348 ns Up (Min.)	Em Pump Model	
4 1/2 Drill Collar siz	XH	Drilling mud t	in. at		<u> </u>	100	0.129	60		32	D-3	375
6 1/4	473	υπικά που τ	^{уре} Chemic	al			BBL./Min. 7.8	GAL/Min. 326	Syster	m Total (Min) 83	Critical GPM 214	DC/DP 283
Sample fron		x_orPit_	ſ			Daily Mud Cost		T	Cumu	lative Mud Cost		CONTRACTOR CONTRACTOR
Flowline Ter	nperature _			Mud Prop	erties I	·	1,140				5,90	8.25
Time Sam			8:40 AM			Mud Wt.(ibs/gal.)	Visco		S SPE	CIFICATIONS Filtrate	LC	CM
Depth (Ft. Weight (lb			3,369 9.45			9.0-9.4	48-	52		8-10.0	2-4 II	b/bbl
Mud Grad)	9.45 0.491			Suggest:						
Funnel Vis		c/qt. API)	47						_			
Plastic Vis Yield Poin		1.ft.)	12 11			Water - small	stream w	hile drilli	ing			
Gel Streng			22/47			Today, add tai	nk of muc	l current	tly in	n premix to ti	he syste	m -
pH Filtrate AF	21 (ml/30 m	in)	9.5 10.6			over 1 1/2 hc	urs		-	-	•	
Cake Thic	kness 32r		10.0			Maintain visco	sity and i	nud wt.	with	this premix	:	
Alkalinity, Alkalinity,		(N.4F)	- .1/-			40 bbls wa	ter/40 bbi	s pit mu	id T			
Chloride C			6,500			1 caustic 1 Soda Asl	7			Use 80	bbls wat	er if
Calcium. p	opm		20			1/2 lignite	•			-mud wt.		
Sand Con Solids Cor			Tr 7.5			1/2 sx pac Gel as nee	dod					
Oil Conter	nt (% by Vo	ol.)	0.0			Hulls as ne	eded					
Water Cor LCM, lbs/t		Vol.)	92.5 0			Jet hole and	add over	1 1/2 h	ours			
Reynold's	#DP		2,433			Today add 25	sxs Hulls	and ma	ainta	ain 2-4 lb/bb	LCM	
Reynold's ECD lb/ga			3,601									
		NG MUD IN	9.96 VENTORY	<u> </u>]	After adding a right away if	<i>bove null</i> anv probl	s, you и ems	d IIIV	e low on hu	lis, call	
Products:	Prior Day	Delivery	On Hand	Used	Cost		• •					
Premium Gel	120		87	33	544.50	Keep hole tull	on all trip)S				
Lime -	5		5			Circulate hole	clean pri	or to DS	ST ol	r log		
Soda Ash Caustic Soda	<u>17</u> 13		<u>11</u> 9	6 4	151.50 262.20	Thanks						
Lignite	9		7	2	56.00							
C/S Hulls	<u>69</u> 4		60	9	126.00							
Drill Pak Desco	2				-							
Poly Plus	1		1									
Florigel Xcide												
Sapp												
Barite						}#						
MilGuard	mine kt	Dage : : :		and the second				17-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-				
Mud-Co / Se Rick Hug		vepresentati	ve		Home Add	^{ress} end, Kansas				ohone Number		
				····	Warehouse	e Location				-792-5425 ohone Number		
Cell: 62	20-791-76	523			Pratt, K	(s.				-672-2957		

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Mud-Co / Servise Mud, Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. A	Aain St.,	Suite #	310, Wid	hita,Ks.	67202						Report:	6	
Daily Dril	ling Mud	Report							Date:	01/21/11	Depth:	3508	
Operator	K&N Pe	otrolour	**			Contractor	······			Rig No.		012744 TANKT 40149 00140 00140	
Address	NON F	<i>su</i> oieur	[]			Southwind				Spud Date	4		
	Rig					Rig				01/13/11			
Report for M	مر. Jim Mu	sarovo				Report for Mr. Robert Steve				Section		Range	
Well Name		Sylure				County	enson		State	33	18S 11W		
	Musen	berg #9				Barton				Kansas			
Operation Present Activ	ity		Casing		Muc Hole	I Volume (BBL) Pits	Liner Size	Stroke		culation Data ite Drill Pipe	Pump Press		
Drill		8 5/8	in. at	585	307	350	6	14	Oppos	191	- unip riess	-	
Bit Size (in.) 7 7/8	2 No		Intermediate		Total Circula		Est.Hole/DS		Oppos	ite Drill Collars	Pump Make		
Drill pipe sz	и. Туре	P	in. at roduction / Lir	ner	Volume in S	657 torage	8.75	2.327 Strk / Min.	Botton	348 ns Up (Min.)	Em Pump Mode		
4 1/2	XH		in. at			40	0.129	60		34		375	
Drill Collar siz	^{ze} 473	Drilling mud	type Chemic	ral			BBL./Min. 7.8	GAL/Min. 326	Syster	n Total (Min) 85	Critical GPN	1 DC/DP 300	
Sample from		xorPit_	-	2 G I		Daily Mud Cost	1 7.0	520	Cumi	lative Mud Cost	226	500	
Flowline Te	mperature			Mud Prop	erties		626	75			6,53	5.00	
Time Sam	nle Taken		6:55 AM				· · · · · · · · · · · · · · · · · · ·		S SPE	CIFICATIONS	η		
Depth (Ft.			3,508			Mud Wt.(lbs/gal.) 9.0-9.4	Visco 48-			Filtrate 8-10.0	4	ом b/bbl	
Weight (It			9.5							0 10/0			
	ient (psi/ft.)		0.494			Suggest:							
Plastic Vis	scosity (Se	c/qt. API)	48 13			Water - small	etroom w	hilo drill	lina				
	it (lb/100 sc	į.ft.)	12			Water - Sman	sucan w	1116 UI 11	ng				
	gth 10 sec	/10 min.	12/39			Suggest today							
pH Filtrate AF	21 (ml/30 m	in)	10.0			Top off pre 2 caustic	mix with t	vater ai	nd a	dd additiona	al:		
	kness 32r		10.0			1 Soda Asi	า						
Alkalinity,	Mud (Pm)		-			1/2 lignite							
	Filtrate (Pf		.25/-			1/2 sx pac							
Calcium.	Content, pp	111	6,600 40			Gel as nee 15 sxs Hull	aea						
Sand Con	itent (% by		TR			Jet hole and		1 1/2 h	ours				
	ntent (% by		8.1										
	nt (% by Vo ntent (% by		0.0 91.9			After above pi 40 bbls wa	'emix is a tor/40 bb	dded, n Is pit m	naint	ain vis with	this prer	nix:	
LCM, lbs/		•01.7	2			1 caustic	161740 001	s pic ni	JU				
Reynold's			2,246			1 Soda Asi	h				bbls wat		
Reynold's			3,330			1/2 lignite 1/2 sx pac				-mud wt	. 9.5 or g	reater	
<u></u>	the second se	NG MUD IN	IVENTORY	1		Gel as nee	ded						
Products:	Prior Day	Delivery	On Hand	Used	Cost	Hulls as ne	eded						
Premium Gel	87		87			Jet hole and	add over	1 1/2 n	ours				
Lime	5		5			Maintain 2-4 I	o/bbl LCN	1					
Soda Ash			12	-1	-25.25								
Caustic Soda	9		9	-1	-28.00	Keep hole full	on all trip	s					
C/S Hulls	60	~	35	25	350.00		clean pri	or to DS	STO	r loa			
Drill Pak	4		3	1	330.00	1	oloun pri			liog			
Desco	2		2			Thanks							
Poly Plus Florigel													
Xcide						•							
Sapp													
Barite MilGuard	······					*							
	onios Xt 1	Jonrassi	in to			1*							
Mud-Co/S Rick Hu		representat	ive			end, Kansas			620	bhone Number -792-5425			
Cell: 62	20-791-76	323			Warehouse Pratt, K					ohone Number •672-2957			

Mud-Co / Servile Mud. Inc.

100 S. Main St., Suite #310, Wichita,Ks. 67202

100 S. N	/lain St.,	Suite #	310, Wic	hita,Ks.	67202						Report:	7	
Daily Dril	ling Mud	Report							Date:	01/22/11	Depth:	3850	
Operator	K&N Pe	trolow		7.4.17.1.197 . 1919		Contractor				Rig No.		<u></u>	
Address	NON FR	auoieui	<u> </u>			Southwind Address				Spud Date	4		
	Rig					Rig				01/15/11			
Report for N	^{⊪.} Jim Mu	sarova	1			Report for Mr. Robert Stev	(00000			Section 33	^{Twp} 18S	Range 11W	
Well Name	& No.		••			County	renson		State				
	Musen	berg #9	and the second se			Barton			Kansas				
Operation Present Activ			Casing		Mui Hole	d Volume (BBL) Pits	Liner Size	Stroke		rculation Data	Pump Pressure		
LDI		8 5/8	in. at	585	0	400	6	14	Į	191		-	
Bit Size (in.) 7 7/8	No. [№]		Intermediate in. at		Total Circula	ting Vol. 400	Est.Hole/DS	capacities 0	Oppos	ite Drill Collars 348	Pump Make	ISCO	
Drill pipe sz	Туре	F	Production / Lin	er	Volume in S	torage	BBI/ Strk	Strk / Min.	Botton	ns Up (Min.)	Pump Mode		
4 1/2 Drill Collar siz	XH	Drilling mud	in. at			Volume	0.129	60		-7		375	
6 1/4	ie.	onning muu	Mud Ty	pe			BBL./Min. 7.8	GAL/Min. 326	Syster	m Total (Min) 52	Critical GPN	и DC/DP #######	
Sample from		orPit	- 1		*****	Daily Mud Cost			Cumi	ilative Mud Cost		~*************************************	
Flowline Ter	mperature		+	Mud Prop	erties			1.60	<u> </u>		7,62	26.60	
Time Sam	ple Taken		12:20 PM			Mud Wt.(lbs/gal.)		PROPERTIE osity	S SPE	CIFICATIONS Filtrate	1	СМ	
Depth (Ft.)		3,850			9.0-9.2		eded		Filtrate		eeded	
Weight (Ib			0.000			/~i			*****				
	lient (psi/ft.) scosity (Se		0.000			Final							
Plastic Vis	scosity cp					1 DST							
	it (lb/100 so gth 10 sec												
pH	gin to sec	a iu min.				LTD 3851							
Filtrate AF	P <mark>I (</mark> ml/30 m					Lost 80 bbls	while tripp	oing out i	for Ic	bg			
***************************************	kness 32r	nd						-					
Alkalinity, Alkalinity,	Filtrate (Pf	/Mf)				Ran pipe							
Chloride C	Content, pp												
Calcium.													
	itent (% by ntent (% by												
Oil Conter	nt (% by Vo	ol.)											
	ntent (% by	/ Vol.)	100.0										
LCM, lbs/l Reynold's			#DIV/0!		+	1							
Reynold's	s # DC		#DIV/0!										
ECD lb/ga			#DIV/0!	Sontrocencer restrict Community									
Products:	Prior Day	Delivery	On Hand	Used	Cost								
Premium Gel	87	50	119	18	297.00								
Lime	5	4	8	1	11.00								
Soda Ash Caustic Soda	<u>12</u> 9	<u>16</u> 7	26 14	2	50.50 131.10								
Lignite	8	6	12	2	56.00								
C/S Hulls	35	67	63	39	546.00	-							
Drill Pak Desco	3	2	<u>5</u>			4							
Poly Plus	1		1			-							
Florigel													
Xcide Sapp		1	1										
Barite			i			#							
MilGuard						#							
Mud-Co/S Rick Hu	ervice Mud I ahes	Representa	tive		Home Add	ress lend, Kansas	Zantonia (<u> </u>	Tele	phone Number)-792-5425			
					Warehous	e Location			Tele	phone Number			
Cell: 62	20-791-70	523			Pratt, F	(s.				672-2957			

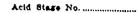
m							······	4.6 <u>52</u> 2				
			me	DATE SHIF	РЕD \ - \ <	~ . : >	F.O.B.	PREPAID FINAL WELL				
10				DELIVERI	114							
	0 S. Main, Suite 310 • Wichita,		264-2814		1 & referred	ee	WELL SITE D					
SOLD	TO KEN Vehia	E W Xmo		SHIPRED 1	ro Willia	I with	WELL NAME & N					
ADDR	ESS			SHIPPED	/1 A	35						
CITY,	STATE, ZIP		,	ORDER NO		iter	SEC TWN	S NW				
	PRODUCT		PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT				
1.	UN# 1823 SODIUM HYDROXIDE-: 8 II											
	Emergency #1-800-	424-9300	50#	19	Bag							
2.	Mud-Co Gel		100#	280	Bag							
3.	Salt Clay		50#		Bag							
4.	Mud-Co Starch		50#		Bag							
5.	Lime		50#	6	Bag							
6.	Cotton Seed Hulls		50#	(00)	Bag							
7.	Soda Ash		50#	8-2	Bag		4 4 4					
8.	Lignite		50#	15	Bag							
9.	Dyna Pac		50#	ls.	Bag							
10.	Desco		25#	Zecon	Bag							
11.	Co-Poly L		5gal	Jan								
12.	X-Cide 102W		5gal					1 5 5				
13.	•											
14.												
15.												
16.												
17.												
18.												
19.												
20.				·								
21.												
22.							***					
	MATERIAL RECEIVED IN GOOD ORDER		PORTATION	CHARGES		SUB TOTAL						
		TRUCK #	MILEAGE	FR	MC							
	DATE RECEIVED		@			SALES TAX						
			@				·					
			0			TRANSPORTAT	ΓΙΟΝ					
P	URCHASE AUTHORIZED BY	SPORTATION RGES		****	TOTAL							

ROUTING: WHITE - CUSTOMER; BLUE - CUSTOMER RIG; GREEN - WICHITA; CANARY - WAREHOUSE





TREATMENT REPORT



Delt Delter Delter <thdelter< th=""> <thdelter< th="" thd<=""><th>111</th><th></th><th>1 .</th><th></th><th>2 1 4 S + 1</th><th>Type Treatment: Ar</th><th>mt.</th><th>Type Fluid</th><th>Sand Size</th><th>Founds of Baud</th></thdelter<></thdelter<>	111		1 .		2 1 4 S + 1	Type Treatment: Ar	mt.	Type Fluid	Sand Size	Founds of Baud
Well Name 2 No. Piel Sector Bit / Gat. Sector Perf.	Dete		trict	F . O.	No.	Bkdown				
Section Pick District Section Pick District Section Pick District Section Pick		<u></u>		5. 17						
Jones Bake Tope & With Bet & Low The image of the mathematical state in the mathemathematical state in themathematical state in themath										
Desing Size Type & WL Set & I. Track from	Location			Fleid						
Date of State Type & WL Bet & L from	County			Stute						
Performation: Perf. to from. ft. to	A N A	2.12								
Persition: Perf. No. Actual Volume of Oil / Water to Lood Note: Bob. / Oal Purmation: Perf. No. Actual Volume of Oil / Water to Lood Note: Bob. / Oal Purmation: Perf. No. Actual Volume of Oil / Water to Lood Note: Bob. / Oal Unrestide: Yes & W. Too at the Bottom of Oil / Water to Lood Note: Bob. / Oal Tota Connect: Yes & W. Too at the Bottom of Oil / Water to Lood Note: Bob. / Oal Tota Purferated from Ct. to . Attal Volume of Oil / Water to Lood Note: Bottom Connect Note: Tota Purferated from Ct. to . Attal Stater State Tota Park State Tota Pure Note Net: Tota Tota Purferate Note: N										
Partnetten Perf. No. Actual values of ON /Water to Load Flote: Dob./ foat Diter Site: Type & W. Top & L. Botton & L. File Pomp Tracke, No. Used. Biol. Byp. Total. Connect: Yes & W. Performated from. file Byp. Total. Tubing: Bite & W. Performed from. file file Byp. Total. Proformed from. file file file File file Proformed file file file file file file Time file File file file<						from		<i></i>	ft. No.	<u>ft</u>
Liner: SizeTop & WtTop & Liner: SizeTop & Line: Size						Actual Volume of OH	/Water to Load 1	fole;		Rbi Karl
Connect: Ye //No. Perforated from										
Public Piek W							sed: Btd		T	win
Perforated from ft. to ft. Company Representative C.A.N. Treater Number 100. TIME Total Plate REMARKS Million Zame No.L. STAR Million Zame										
There Note Rive T.D. T.										
Chen Hole Nile T.D. It P. B. Io. It Company Representative C.A. N. Treater. Nucleum U.I. Time PREBOURES Total Fluid Time PREBOURES Total Fluid Time Casing Prester. Nucleum U.I. Time Casing State State Time Casing Casing Time Casing State Time Casing State Time Casing State Time Casing State Time Casing<	Per	forated from			<u></u>	•				
Company Representative CANN Treater Number (a) TIME TREASURES Total Fund TUBLE Canne Total Fund Service Contractions Service Co										
Tible Transform Total Pumped Total Pumped 1 A.Y. Caring A.Y. REMARKS 1 A.Y. Caring A.Y. A.Y. 1 A.Y. A.Y. A.Y.	Own Hole Six	e	T.D	ft, P.B	. toft.					10
Tible Transform Total Pumped Total Pumped 1 A.Y. Caring A.Y. REMARKS 1 A.Y. Caring A.Y. A.Y. 1 A.Y. A.Y. A.Y.	Company 1	Representative	<u> </u>	N.N.	·····	Treater	here (۶.		·····
I have a strate	1 A A A A A A A A A A A A A A A A A A A									
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RUPELIUD Acid & Cement

TREATMENT REPORT

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