Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1177258

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:		
Address 2:		Feet from Dorth / South Line of Section
City: State:	Zip:+	Feet from East / West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
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: Well #:
New Well Re-Entry	Workover	Field Name:
Oil WSW S Gas D&A E OG C G Cathodic Other (Core, Expl., of Core,	SWD SIOW INHR SIGW SSW Temp. Abd. etc.):	Producing Formation:
	onv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Dual Completion Permi	it #: it #: it #: it #: it #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Spud Date or Date Reached TI Recompletion Date	D Completion Date or Recompletion Date	Lease Name: License #: Quarter Sec. TwpS. R. 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:

	Page Two	1177258
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chow important tang of formations populated	Dotail all coros Roport all	final conject of drill stome taste giving interval tasted, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sho	eets)	Yes No		0	on (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o	conductor, surface, inte	ermediate, producti	on, etc.		
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 / SQL	EEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	

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

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		е	,		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed F	Productio	on, SWD or ENHR		Producing M	lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	AS:			METHOD (OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sold		sed on Lease		Open Hole Other <i>(Specify)</i>	Perf.	Dually (Submit A	ACO-5)	Commingled (Submit ACO-4)		
		,		Julei (Specily)						

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

Form	ACO1 - Well Completion
Operator	Running Foxes Petroleum Inc.
Well Name	Meyer 2-14B
Doc ID	1177258

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	253	Portland Cement	130	
Production	0	0	0	0	NA	0	

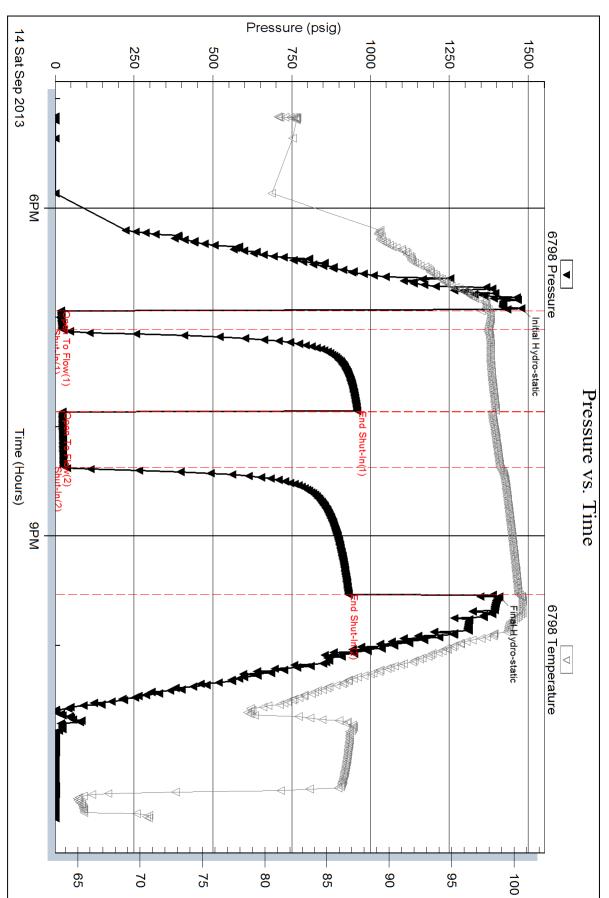
	DRILL STEM TES	T REP	ORT				
RILOBITE	Running Foxes Petroleum		14-2	S-14E I	Nemaha		
ESTING , IN			Mey	er 2-14	B		
	Centennial, CO 80112		Job T	īcket: 52	2398	DST#	: 1
	ATTN: Chad Counts		Test	Start: 20)13.09.14 @	17:09:49	
GENERAL INFORMATION:							
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:18:56:19Time Test Ended:23:34:49	ft (KB)		Test Teste Unit N	er: L	Conventiona Leal Cason 45	l Bottom H	lole (Initial)
Interval:2864.00 ft (KB) ToTotal Depth:2889.00ft (KB) (Hole Diameter:7.88inches H			Refei	rence Ele KB te	evations: o GR/CF:	1288.0	0 ft (KB) 10 ft (CF) 10 ft
Serial #: 6798InsidePress@RunDepth:25.79 psigStart Date:2013.09.14Start Time:17:09:50TEST COMMENT:IF: Weak SurfaISI: No Blow BFF: No Blow BFF: No Blow FSI: No Blow B	End Date: End Time: ce Blow ack	2013.09.14 23:34:49	Capacity: Last Calib. Time On B Time Off E	tm: 2	2013.09.14 (2013.09.14 (2013.09.1 @ 18:54:4	9
Pressure v:			PR	ESSUR	RE SUMM	ARY	
678 Prossee 0 0 0 0 0 0 0 0 0 0 0 0 0	COSE Tomponance COSE T	Time (Min.) 0 2 12 57 57 88 158 159	Pressure (psig) 1478.58 18.28 20.60 958.31 22.18 25.79 930.75 1408.68		Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	o-static ow (1) n(1) ow (2) n(2)	
Recover	/			Gas	s Rates		
Length (ft) Description	Volume (bbl)			Choke (ir	nches) Pressu	e (psig)	Gas Rate (Mcf/d)
2.00 OCM 20%O 80%M 1.00 Oil	0.01 0.00						
	Ref No: 52398				2013.09.15		

		RILL STEM TEST REPOR	ľ	F	LUID SUMMAR
RILOE	Rur	ning Foxes Petroleum	14-2S-14E	Nemaha	
EST		5 S Havana St Ste 400 tennial, CO 80112	Meyer 2-1 Job Ticket: 5		DST#:1
	AT	TN: Chad Counts		2013.09.14 @ 17:	-
lud and Cushion Inf	ormation				
iscosity: 55.00 /ater Loss: 9.59 esistivity: alinity: 900.00	ohm.m	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	deg API ppm
ecovery Information	n				
	r	Recovery Table		7	
	Length ft	Description	Volume bbl		
	2.0	0 OCM 20%O 80%M	0.010	0	
	1.0	O Oil	0.005	5	
Тс	otal Length:	3.00 ft Total Volume: 0.015 bbl			
	aboratory Name: ecovery Comments:	Laboratory Location:			

Printed: 2013.09.15 @ 06:30:05

Ref. No: 52398

Trilobite Testing, Inc



Temperature (deg F)

Running Foxes Petroleum

Serial #: 6798

Inside

Meyer 2-14 B

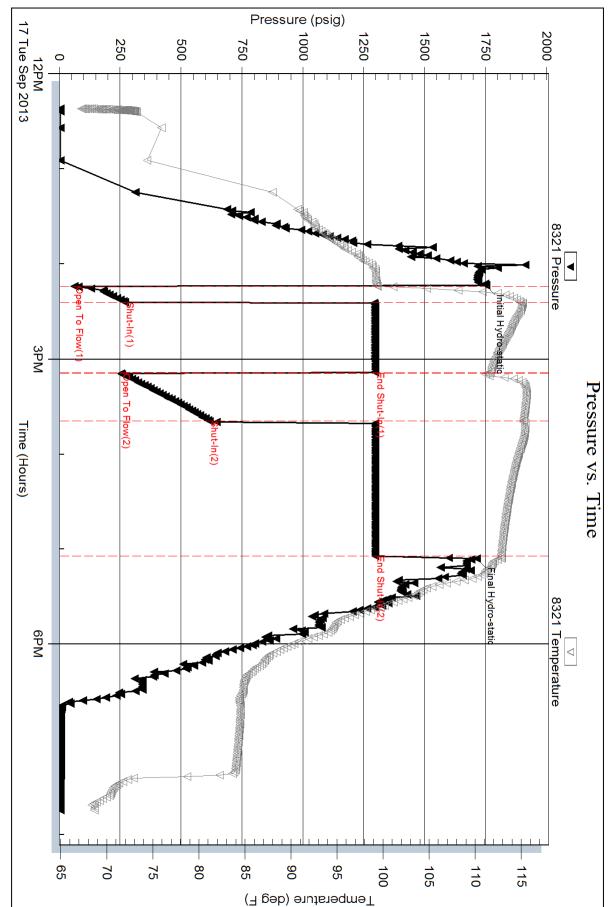
RILOBITE	DRILL STEM TES	T REP	ORT			
	Running Foxes Petroleum		14-2S-′	4E Nem	naha	
ESTING , INC.	6855 S Havana St Ste 400		Meyer	2-14 B		
	Centennial, CO 80112		Job Tick	et: 53349	DST	#:2
	ATTN: Chad Counts		Test Sta	rt: 2013.0	9.17 @ 12:22:0'	1
GENERAL INFORMATION:						
Formation:ViolaDeviated:NoWhipstock:Time Tool Opened:14:14:00Time Test Ended:19:45:00	ft (KB)		Test Typ Tester: Unit No:		entional Bottom Carreira	Hole (Reset)
Interval:3568.00 ft (KB) To357Total Depth:3590.00 ft (KB) (TVHole Diameter:7.88 inches Hole	(D)		Referen	ce Elevatio KB to GR	1288.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8321OutsidePress@RunDepth:615.57 psigStart Date:2013.09.17Start Time:12:22:01TEST COMMENT:IF:(10min) BOB in ISI:(45min) No Re FF:(30min) BOB in FSI:(70min) No Re	End Date: End Time: 3 min. turn n 3 min.	2013.09.17 19:45:00	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2013.09. 09.17 @ 14:13: 09.17 @ 17:06:	30
Pressure vs. Ti	me		PRES	SURE S	UMMARY	
200 522 Phesee 1750 500 500 500 500 500 500 500	SCI Temperake SCI Temperake 116 130 150 150 150 150 150 150 150 15	Time (Min.) 0 1 11 55 56 86 171 173	Pressure (psig) Te (de (de 269.02 11752.46 9 61.96 9 269.02 11 1297.61 11 254.07 11 615.57 11 1298.43 11	mp Ar g F) 9.33 Initia 9.44 Ope 4.87 Shu 1.66 End 1.32 Ope 5.25 Shu 2.81 End	al Hydro-static en To Flow (1) it-In(1) Shut-In(1) en To Flow (2) it-In(2) Shut-In(2) al Hydro-static	
Recovery				Gas Ra	ites	
Length (ft) Description 1350.00 MW	Volume (bbl) 16.75		(Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 53349		بی ت	ntod: 2012	3.09.18 @ 07:53	20

		DRI	LL STEM TEST REPOR	Т	F	
	RILUDITE	Running	g Foxes Petroleum	14-2S-14E	Nemaha	
	RILOBITE ESTING , INC.		Havana St Ste 400 nial, CO 80112	Meyer 2-1		
				Job Ticket: 5	53349	DST#:2
		ATTN:	Chad Counts	Test Start: 2	2013.09.17 @ 12:	:22:01
Mud and Cush	hion Information	1				
Mud Type: Gel C	Chem		Cushion Type:		Oil A PI:	deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	18000 ppm
/iscosity:	49.00 sec/qt		Cushion Volume:	bbl		
Vater Loss:	8.38 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm					
ilter Cake:	inches					
Recovery Info	ormation		Recovery Table			
	Leng	1th	Description	Volume	7	
	ft		Description	bbl		
	1	1350.00	MW	16.75 [,]	1	
	Total Length:	1350.	.00 ft Total Volume: 16.751 bbl			
	Num Fluid Sam	oles: 0	Num Gas Bombs: 0	Serial #	<u>.</u>	
	Laboratory Nar		Laboratory Location:	Contain,		
			sistivity35 @ 80 = 18000			

Printed: 2013.09.18 @ 07:53:31

Ref. No: 53349

Trilobite Testing, Inc



Outside Running Foxes Petroleum

Serial #: 8321

Meyer 2-14 B

	DRILL STEM TES	ST REP	ORT				
RILOBITE	Running Foxes Petroleum		14-2	2S-14E N	lemaha		
ESTING , INC.	6855 S Havana St Ste 400		Ме	yer 2-14	В		
	Centennial, CO 80112		-	r Ticket: 533		DST#:	3
	ATTN: Chad Counts		Test	Start: 201	13.09.18 @	09:45:01	
GENERAL INFORMATION:							
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:11:22:00Time Test Ended:16:23:30	ft (KB)		Test Test Unit	er: A	onventional ndy Carreir 8		Reset)
Interval:2843.00 ft (KB) To28Total Depth:3650.00 ft (KB) (TVHole Diameter:7.88 inches Hole	/D)		Refe	erence Elev KB to	vations: GR/CF:		ft (KB) ft (CF) ft
Serial #: 8321OutsidePress @RunDepth:33.08 psigStart Date:2013.09.18Start Time:09:45:01TEST COMMENT:IF:(10min) WeakISI:(45min) No ReFF:(30min) No ReFSI:(70min) No Re	End Date: End Time: Surface Blow turn	2013.09.18 16:23:30	Capacity: Last Calib Time On E Time Off	o.: Btm: 20	2 013.09.18 @ 013.09.18 @		
Pressure vs. T	me		DE			NBV	
	5221 Tempendure	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio		
		0	1412.10		Initial Hydro		
	1 1 1 1 1 1 1 1 1 1	1	24.24 28.51		Open To Flo Shut-In(1)	SW (1)	
		56	971.35	100.67	End Shut-In		
		57 87	32.16 33.08		Open To Flo Shut-In(2)	ow (2)	
		159 160	973.66 1352.75	100.72	End Shut-In Final Hydro		
270 0 0 0 0 0 0 0 0 0 0 0 0 0	33M						
Recovery				Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (ind	ches) Pressur	e (psig)	as Rate (Mcf/d)
9.00 OSM	0.04						
1.00 Oil	0.00						

	DRILL STEM TES	TREPO	ORT			
RILOBITE	Running Foxes Petroleum		14-2S	-14E Nema	aha	
ESTING , INC.	6855 S Havana St Ste 400		Meye	r 2-14 B		
	Centennial, CO 80112		-	ket: 53350	DST#	#: 3
	ATTN: Chad Counts		Test St	tart: 2013.09	.18 @ 09:45:01	
GENERAL INFORMATION:						
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:11:22:00Time Test Ended:16:23:30	ft (KB)		Test Ty Tester: Unit No	Andy (ntional Straddle Carreira	e (Reset)
Interval:2843.00 ft (KB) To28Total Depth:3650.00 ft (KB) (The constraint of the constraint of t			Refere	nce Elevation KB to GR/0	1288.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #:8372InsidePress@RunDepth:psigStart Date:2013.09.18Start Time:09:45:01TEST COMMENT:IF:(10min) WeakISI:(45min) No ReFF:(30min) No Bi	End Date: End Time: Surface Blow eturn low	2013.09.18 16:23:00	Capacity: Last Calib.: Time On Btn Time Off Btr		8000.0 2013.09.1	00 psig 18
FSI:(70min) No F		1				
Pressure vs. 7	Sinc 8372 Temperature	Time		SSURE SU		
220 100 100 100 100 100 100 100		(Min.)		deg F)		
Recovery				Gas Rat	es	
Length (ft) Description	Volume (bbl)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
9.00 OSM 1.00 Oil	0.04					
* Recovery from multiple tests						
Trilobite Testing, Inc	Ref. No: 53350		F	Printed: 2013.	09.18 @ 16:53:	46

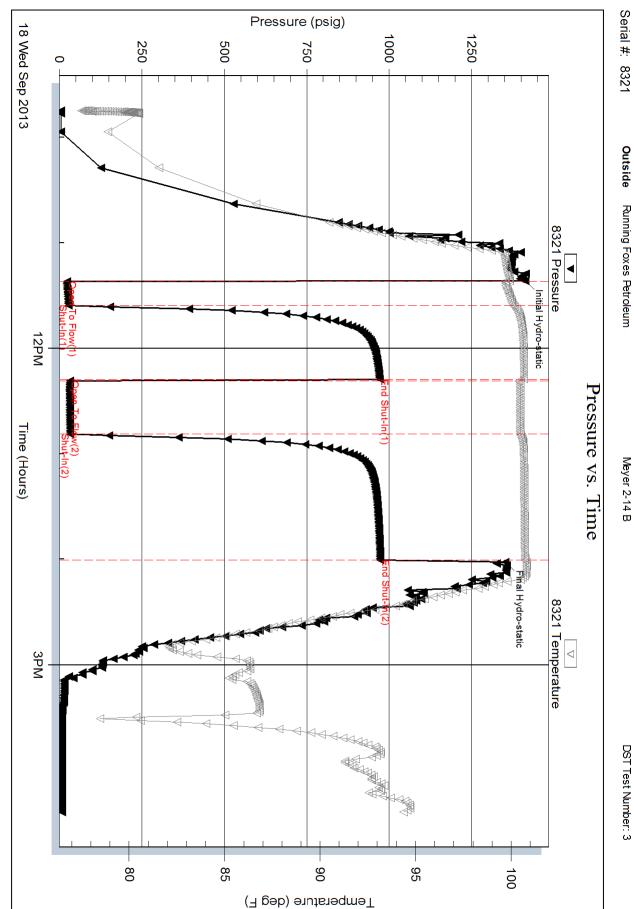
	DRILL STEM TES	T REPO	DRT			
RILOBITE	Running Foxes Petroleum		14-2S-14	E Nemaha		
ESTING , INC	6855 S Havana St Ste 400		Meyer 2-	-14 B		
	Centennial, CO 80112		Job Ticket:	53350	DST#::	3
	ATTN: Chad Counts		Test Start:	2013.09.18 @	@ 09:45:01	
GENERAL INFORMATION:						
Formation:HuntonDeviated:NoWhipstock:Time Tool Opened:11:22:00Time Test Ended:16:23:30	ft (KB)		Test Type: Tester: Unit No:	Convention Andy Carre 68	al Straddle (I eira	Reset)
Interval:2843.00 ft (KB) To24Total Depth:3650.00 ft (KB) (THole Diameter:7.88 inches Hol				Elevations: B to GR/CF:	1297.00 1288.00 9.00	ft (CF)
Serial #: 8647 Below (Strad	ldle)					
Press@RunDepth:psigStart Date:2013.09.18Start Time:09:45:05	 2872.00 ft (KB) End Date: End Time: 	2013.09.18 16:22:09	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2013.09.18	
TEST COMMENT: IF:(10min) Weak ISI:(45min) No R FF:(30min) No B FSI:(70min) No F	eturn Iow					
Pressure vs. '	Finne 8847 Temperature	ļ,		URE SUMM		
200 100 100 100 100 100 100 100	90.0 97.5 97.5 97.5 97.5 97.5 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 90.0 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5	Time (Min.)	Pressure Tem (psig) (deg		ion	
Recovery			(Gas Rates		
Length (ft) Description	Volume (bbl)		Cho	ke (inches) Press	sure (psig) G	as Rate (Mcf/d)
9.00 OSM 1.00 Oil	0.04					
* Recovery from multiple tests						
Trilobite Testing, Inc	Ref. No: 53350		Printe	ed: 2013.09.18	8 @ 16:53:46	3

	RILOBI	ITE	DRI	LL S	TEMTEST	REPORT	Γ		FLUID S	
施生			Runnin	g Foxes	Petroleum		14-2S-14E	Nemaha		
	 ESTI	I <mark>NG</mark> , INC.	00000	6 Havana Inial, CO	St Ste 400 80112		Meyer 2-14 B Job Ticket: 53350 Test Start: 2013.09.18 @		DST#. 2	
			ATTN:	Chad C	Counts				DST#: 3 @ 09:45:01	
/ud and Cu	Ishion Info	ormation								
Aud Type: Ge Aud Weight: Viscosity: Vater Loss: æsistivity: ælinity: ilter Cake:	el Chem 9.00 lb 56.00 s 8.38 in o 800.00 p	b/gal ec/qt ŋ³ hm.m			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressur	e:	ft bbl psig	Oil API: Water Salinity:	:	deg API ppm
Recovery In	formation									
		Leng			Recovery Table Description		Volume bbl]		
			9.00	OSM			0.044			
	Tote	Length:	1.00	Oil .00 ft	Total Volume:	0.049 bbl	0.005	2		
		oratory Nan			Laboratory Location	on:				
		covery Com			Laboratory Location	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	on:				
					Laboratory Locate	DN:				
					Laboratory Location	DU:				

Printed: 2013.09.18 @ 16:53:47

Ref. No: 53350



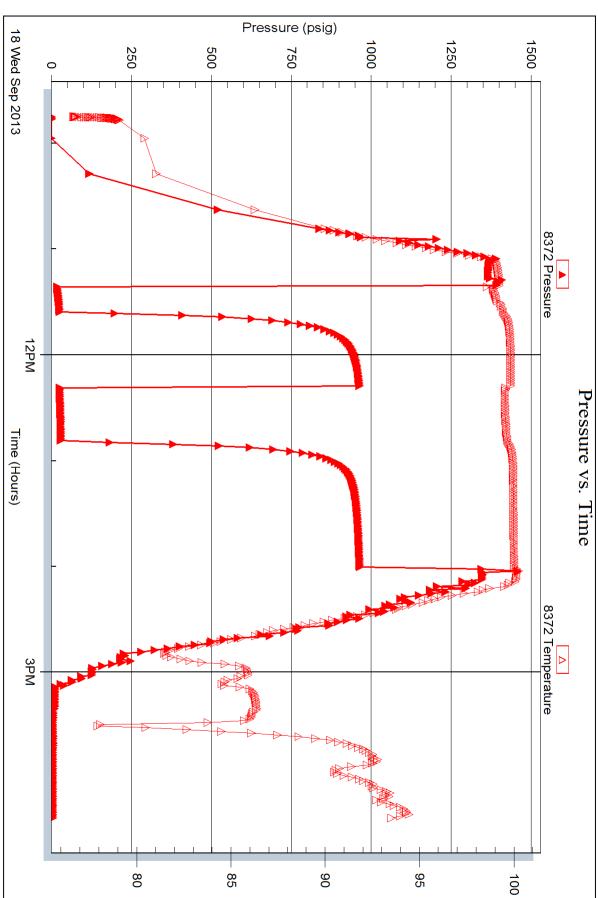


Outside

Meyer 2-14 B

Printed: 2013.09.18 @ 16:53:47

Ref. No: 53350



Temperature (deg F)

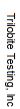
Trilobite Testing, Inc

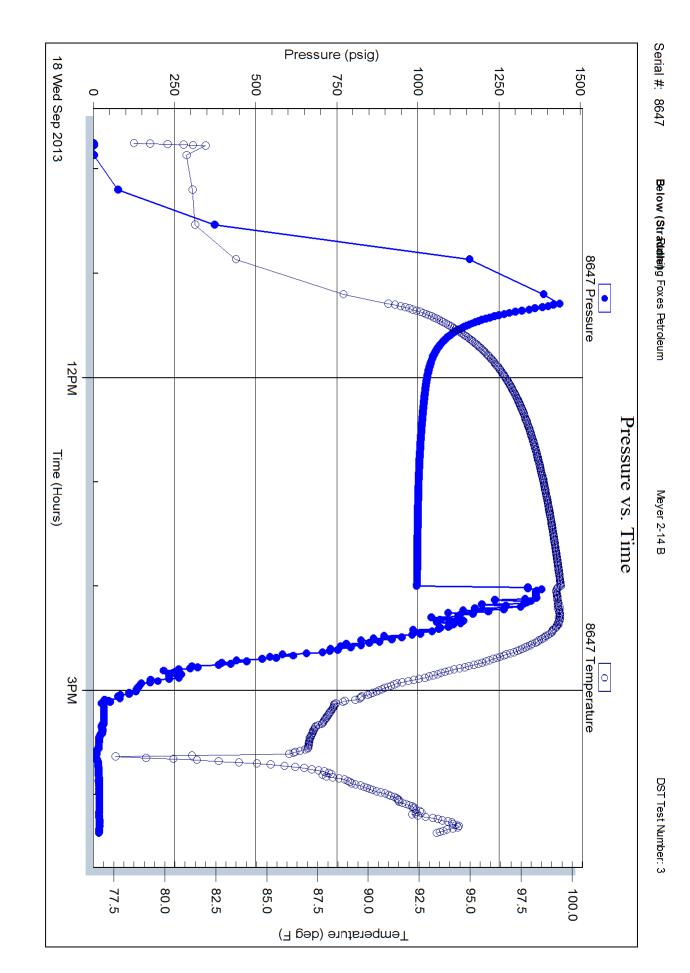
Serial #: 8372 Inside Running Foxes Petroleum

Meyer 2-14 B

Printed: 2013.09.18 @ 16:53:48

Ref. No: 53350





Daily Drilling Report

		/	
Running Foxes Petroleum	Location:	330' FNL 2296' FEL	
Meyer 2-14B	County:	Nemaha	State:KS
Sabetha	API #:	15-131-20237-0000	
9/12/2013	Lat/Long:	39.5303661, -95.4855712	
Wildcat ("Sabetha West")	Logging Geologist:	Greg Bratton/Joe Taglieri	
C&G Drilling			Toolpusher:
8 5/8" @ 253'	Set @:	253	Cement Date:
12 1/4"	Out @:	264 KB	Hole size:
7 7/8" PDC	In @:	264' KB	Drilling fluid:
7 7/8" Button	In @:	2889' KB	Mud Pumps:
	In @:		
	Sabetha 9/12/2013 Wildcat ("Sabetha West") C&G Drilling 8 5/8" @ 253' 12 1/4" 7 7/8" PDC	Running Foxes Petroleum Location: Meyer 2-14B County: Sabetha API #: 9/12/2013 Lat/Long: Wildcat ("Sabetha West") Logging Geologist: C&G Drilling S5/8" @ 253' 8 5/8" @ 253' Set @: 12 1/4" Out @: 7 7/8" PDC In @: 7 7/8" Button In @:	Running Foxes Petroleum Location: 330' FNL 2296' FEL Meyer 2-14B County: Nemaha Sabetha API #: 15-131-20237-0000 9/12/2013 Lat/Long: 39.5303661, -95.4855712 Wildcat ("Sabetha West") Logging Geologist: Greg Bratton/Joe Taglieri C&G Drilling State 253 8 5/8" @ 253' Set @: 253 12 1/4" Out @: 264 KB 7 7/8" PDC In @: 264' KB

Date	Start Depth	End Depth
9/17/13	3530' KB	3590' KB
	Operatio	ns

The Maquoketa and Viola Formations were reached. At 3590' KB, 8:20am, it was decided to DST the Viola. Well was circulat at 10am. Well was circulated until 11:15am and clean the hole. TOOH by 12:35pm. TIH, DST began at 2:15pm. Test conduc skim of oil. Official results will be articulated tomorrow. At 9:40pm, drillers were back on bottom and drilling again.

Time	Depth	Bit Weight	Pump PSI	Pump SPM	Table RPM	Mud Weight
5:30am	3566' KB			64		9.2 lb
6:30am	3572' KB			65		9.2

Mud/Chemicals Mixed:

85 MI Gel, 2 Soda Ash, 2 Caustic, 2 Tannithan, 30 Hulls (used last 24 hours at 11am)

Formation Entered	Depth	Subsea	Units Gas	BG GAS	Prognosis	Hi/Low	
Heebner	1158' KB	139			$1153~\mathrm{KB}$	-7	DST#
Lansing	1308' KB	-11	2	2	1303 KB	-5	Interval:
Base Kansas City	1631' KB	-334	0	0	$1635~\mathrm{KB}$	4	Formation
Cherokee	1821'KB	-524	10	1	$1833~\mathrm{KB}$	12	Times
V shale	1944' KB	-647	0	0	1919 KB	-25	ISIP
Bartlesville SS	n/a	n/a			$2193~\mathrm{KB}$	n/a	IFP
Mississippian	$2528'\mathrm{KB}$	-1231	0	0	$2485~\mathrm{KB}$	-43	FFP
Kinderhook	$2654'\mathrm{KB}$	-1357	6	6	$2625~\mathrm{KB}$	-29	FSP
Hunton	$2874'\mathrm{KB}$	-1577	20	20	$2889~\mathrm{KB}$	15	
Maqouketa	3518' KB	-2221	3	3	3494 KB	-24	DST#
Viola	3567' KB	-2270	3	3	$3544~\mathrm{KB}$	-23	Interval:
Simpson Shale					3729 KB		Formation
Decorah					$3749~\mathrm{KB}$		Times
St Peter SS					$3813~\mathrm{KB}$		ISIP
Arbuckle					3869 KB		IFP

				-				
							FFP	
							FSP	
							DST#	
							Interval:	
							Formation	
							Times	
							ISIP	
							IFP	
							FFP	
							FSP	
OIL	SHOWS						DESCRIPTIC	
Hunton 1st break: (28'	76-2878'KB)						oor, 100% blk oil s	
Hunton 2nd break: (28	881-2883'KB)						parts, occ vis intg	
Viola: (35 <mark>67-3576' KB</mark>)	Viola: (3567-3576' KB)			strm mod cut. Viola (3567'-3576') - Spty blk oil stn, fair odor, dull orange- tight. Viola (3583'-3585') - patchy dk brwn oil stn, brgt ylw flur, mod mil				
Viola: (3583-3585' KB)			vuggy - very few samples of zone observed.					

Comments:

Viola oil show depths are estimated by an ROP break (3583-3585' KB) and 10' sample where oil was first seen(3567'-3576' KB)

Coord.:	E2 NW NW NE		
Sec.	14		
Twp:	2S		
Rge:	14E		
GL Elev:	1288' Survey	KB:	1297'
Tim Gullic	k/Duke Coulter		

7 7/8"

Water based mud

Ft. Drilled 60'

ted for 50 min, then a short trip was made. Back on bottom cted, TOOH at 5:15pm. Viola DST yielded only water with a

Viscosity	Chlorides	
49 seconds	10# LCM	
49	9# LCM	
	-	

Drill Stem Test		
1	RECOVERY	Cement
2864-2889'	1' O, 2' OCM(20% O)	Surface
Hunton		Sacks
10-45-30-70		
958		
18-20		Class
22 - 25		
930		
		Depth@TD
2	RECOVERY	
3568'-3590'		
Viola		
10-45-30-70		
		Cement

		Longstring
		Sacks
3	RECOVERY	
		Class
		Depth@TD
)N		

tn on sucrosic samples, good odor, stg milky strm mod to fast grn por, xline, 75% blk oil stn, fair to good odor, stg milky yellow flur, no cut, gy, Fxline, gran, poor ingrn por, app'd ky cut, too few samples to assess odor, lgt gy, xline, sucrosic,



ALLIED OIL & GAS SERVICES, LLC 054787

108 FINISH 12:00 AM

STATE

KS

127.19

585.16

3690

TOTAL

2600.47

1824.90

1042.80

Federal Tax 1.D.# 20-5975804 SERVICE POINT: REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665 Russell KS IOII START 11.30, A COUNTY NEMALIA ONLOCATION CALLED OUT RANGE TWP SFC DATE 9-18 14 LOCATION Sabethy KS 3W Sinto WELL # 2-14B LEASE Mayor OLD OWNEW Circle one) CONTRACTOR C. 2.G Drilling #2 OWNER TYPEOFJOB P T.D. 3650 AMOUNT ORDERED 220 6/40 4/2g-1 CEMENT HOLE SIZE 778 DEPTH CASING SIZE TUBING SIZE DIPPH DRUL PIPE 472 DEPTH 3650 16.10 DEPTH TOOL @ 17.90 2362.80 @ 9.35 822.80 COMMON PRES. MAX MINIMUM POZMIX SHOE JOINT MEAS, LINE @23.40 OBL. CEMENT LEFT IN CSG. CHLORIDE (ě PERFS. €∂∂ DISPLACEMENT \vec{w} 2.97 148.50 610 EOUPMENT 倚 ŵ PUMPTRUCK CEMENTER Robert 7 4 417 INDEPER Glown G 16 (\tilde{o}) BURKTHUCK H 410 DRIVER DAMAY S (d)6 DULK TRUCK 60. 6 2. 18 DRIVER HANDLING 2. 35,75 (43) 2.60 6077.89 MILLIAOH 2 33 7.65 thes TOTAL 10174.28 REMARKS: 出版 565.0 ω SIRVICE 2889 $\tilde{\omega}$ DRAUD OF JOR (1) PUMPTRUCK CHARGE PATRA FOOTAGE Q (P) rathole 34 67.70 MILLINGE 237 HPMI @ mouse hole 10st Thank You!! 23 76VAT 64.40 CHARGE TO: RUSSig Eaxers WAL 5468.17 STREET_ STATE ZIP CITY PLUG & FLOAT RQUIPMENT ŵ 63 170 To: Allied Off & Gas Services, LLC. ø You are hereby requested to rent comenting equipment ŵψ

and famish comenter and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read mid understand the "GBNERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME. SIGNATURB Jule Coulter

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SALES TAX (IF Any)-----TOTAL CHARGES 15642.45

DISCOUNT 7346.37 IF PAID IN 30 DAYS