Confidentiality Requested: Yes No

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

1234715

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 North / 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 #	
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:
	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Produce	
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	-
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	- QuarterSecTwpS. R East West
Recompletion Date 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:								

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

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 Sh	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o			on etc		
		Report all strings set-o		inneulale, producti			
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	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
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

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

No

🗌 No

No

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

Shots Per Foot		PERFORATION Specify Foo	RECOF tage of	RD - Bridge F Each Interval	Plugs Set/Typ Perforated	e	A		ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	re:	Set At:		Packer	At:	Liner Ru	in:	No	
Date of First, Resumed	l Producti	on, SWD or ENHR		Producing N	/lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl:	6.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
		1							I	
DISPOSITI	ON OF G	AS:			METHOD		TION:		PRODUCTION INT	ERVAL:
Vented Solo	J 🗌 t	Jsed on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	bmit ACO	-18.)		Other (Specify))	(Submit)	,	(Submit ACO-4)		

AIT TO P.O. BOX 93999	0. # 20-8651475 SERVICE POINT: Medicine Lader KS
SOUTHLAKE, TEXAS 76092	9-12 9+13 9-13
SEC. TWP. RANGE C.	CALLED OUT ON LOCATION JOB START JOB FINISH
E 9.13.14 SEC. TWP. RANGE C.	ALLED OUT JISOP 3130A SISOA
	2 KS / W2 1/10 S FORD KS
SECONIEIR	<u>1 KS 1 W 110 2 175</u>
DOR NEW (Circle one) Einto	
NTRACTOR Mavenick 106	OWNER Datsch O: LCO
PEOFJOB PTA	
DLE SIZE 7 7/8 T.D. 5490	CEMENT
SING SIZE 8 5/8 DEPTH 64/	AMOUNT ORDERED 1855x 60. 40. 4. 60
BING SIZE DEPTH	
ALL PIPE 41/2 DEPTH 1560	
OL DEPTH	COMMON@
ES. MAX MINIMUM	POZMIX@
EAS. LINE — SHOE JOINT — MENT LEFT IN CSG. —	GEL@
RFS.	CHLORIDE@
SPLACEMENT	ASC@
EQUIPMENT	@@
Justin Rover	18.92 3500.20
IMP TRUCK CEMENTER Jake board	@@
548/545 HELPER TOPD SELA	@
ILK TRUCK	@
819/823 DRIVER Wayne Rucker	@
JLK TRUCK	@
DRIVER	HANDLING@
	MILEAGE
REMARKS:	30% = 1050.06 TOTAL 3500.20
1St plue 1560 SOSX	
Ind Drug 640 SOSX	SERVICE
Staplus 60 20 SX	1-1-11-12
Mouse ZOSX	DEPTH OF JOB 1560, 660, 60 PLIMP TRUCK CHARGE 1250.00
lat 305K	PUMP TRUCK CHARGE <u>1280.00</u> EXTRA FOOTAGE <u>1.11.50</u> @ <u>4.40</u> <u>220.00</u>
and the second	MILEAGE 50 @ 7.70 385.00
	Handling 196 culft @ 2.48 496.08 Drovese 8.27/413.68 @ 2.75 11376
	Dreygge 8.27/413.68 @ 2.75 11376
HARGE TO: DEUTSCH OIL CO	30%= 1043.60 3478.69
	TOTAL TOTAL
TREET	
ITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	PLUG & PLOAT EQUILIDENT
	@
	@
o: Allied Oil & Gas Services, LLC.	@
ou are hereby requested to rent cementing equipment	@
nd furnish cementer and helper(s) to assist owner or	
ontractor to do work as is listed. The above work was lone to satisfaction and supervision of owner agent or	TOTAL
and to extict action and supervision of Owlice again VI	
one to satisfaction and understand the "CENED AT	SALES IAA (II Ally)
ontractor. I have read and understand the "GENERAL	
ontractor. I have read and understand the "GENERAL	TOTAL CHARGES SOUTO 6978.89
ontractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side.	TOTAL CHARGES SUCCESSION 6116-07
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ALLIED OIL & GAS SERVICES, LLC 063236

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DATE 9.3.14	SEC.	TWP. 295	RANGE 24w	CA	LLED OUT		ON LOCATION	11	B START	JOB FINISH Z:00 P
THE REPORT OF		1-35	LOCATION B	1. au	Ve 1		< 3/10	CO	UNTY SIC	STATE
EASE Wanetn		1-35	Einto	100m	<u>p</u>	00	3 110	1		1.15
	10 #10 #1 4 4 1			,		_			~	
CONTRACTOR					OWNER	Эe	utsch C).1	Lomp	any
TYPE OF JOB Sale		TTD.	645		CEMENT					
ASING SIZE 5	5/9	DEF	тн 641.99			ORD	ERED 1855	× 1	5:35	:61.GeL
FUBING SIZE	10		<u>тн 30 // 1 /</u> ?ТН		31.00	141	+ Flaseal			
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rool		and the second second	PTH			~			170-	1705
PRES. MAX		MIN	NIMUM			Clo	155A 1005		11.90	1790.00
MEAS. LINE		SHO	DE JOINT 42		POZMIX			_@ @		
CEMENT LEFT IN	CSG.	42	2		GEL CHLORIDI		765#	March Scionals	1.10	841.50
PERFS. DISPLACEMENT	2811	1 Cool		<u> </u>	ASC	3	LOSTT	@	1.10	041.00
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BULK TRUCK	DIGITIDI	Sumo	- DOWE)				_@		
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			and the second s		MILEAGE					
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On Locatio	o SA+						SERV	ICF		
Dossiline 7	PERM	Pump		<u></u>			SERT	1015		
Mixt DUM	no leo	dent		umo	DEPTH OF	7 JOI	3		64	1.99
the second se	.5701		ase plus	1	PUMPTRU					2058.50
All Chit.		meat	+ Wash.	29	EXTRA FC)OT/				220.00
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100		DRILL STEM TE	S	T REPO	ORT				
	RILOBITE	Deutsch Oil Company			35-	-29s-24w	Ford	Co. Ks.	
	ESTING , INC.	8300 E. 22nd St. N.			Wa	aneta #	1-35		
		Wichita, Ks. 67226			Job	Ticket: 54	1144	DST	#:1
NOV.		ATTN: Logan Walker			Tes	t Start: 20)14.09.(09 @ 21:30:0	9
GENERAL I	NFORMATION:								
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)			Tes	ter:	Conven Matt Sn 53	itional Bottom nith	Hole (Initial)
Interval: Total Depth: Hole Diameter:	5122.00 ft (KB) To 51 5182.00 ft (KB) (TV 7.88 inchesHole	/D)			Ref	erence ⊟e KB t	evations	2572.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 6 Press@RunDe Start Date: Start Time: TEST COMM	-	End Date: End Time: Now . B.O.B. in 27 mins.	2	2014.09.10 12:47:39	Capacity Last Cali Time On Time Off	b.: Btm: :		8000. 2014.09. 9.10 @ 05:10: 9.10 @ 09:01:	09
	Pressure vs. T	time ⊽ 6773 Temperature	╞	Time	Pressure	Temp		MMARY otation	
- - 		115	5	(Min.)	(psig)	(deg F)			
			.	0	2609.06	113.58		Hydro-static To Flow (1)	
2000			5	9 33	66.79 114.93	113.07 114.85	· ·	. ,	
-			.	93	1623.94			hut-ln(1)	
1500			ang	94	125.16	115.19	Open	To Flow (2)	
- - - -	1 1	90	perature (deg F)	138	200.02	117.08			
				230 231	1599.85 2409.02	117.07 117.20		hut-In(2) Hydro-static	
9 Tue Sep 2014	10 Wed 344 (Main (Main) Time (Hous) Recovery	i 944 1274	_			Ga	s Rate	29	
Length (ft)	Description	Volume (bbl)				Choke (i		Pressure (psig)	Gas Rate (Mcf/d)
62.00	SOGMCW 5%g 45%m 50	. ,		I		1	,		ļ.,,
62.00	SOMCW 15%m 85%w	0.87							
62.00	SOGWCM 10%g 45%w 4								
62.00	SOGMCW 5%g 45%m 50								
62.00	SOGWCM 5%g 45%w 50								
45.00	SOUVEM 5% 9 45% 0 50% m	0.63							
.0.00		0.00							

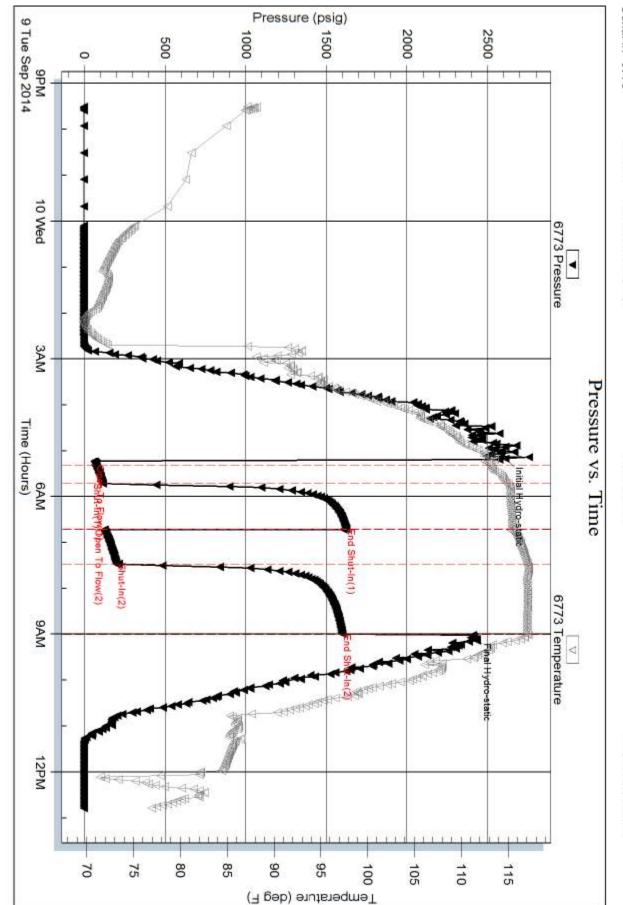
Trilobite Testing, Inc

	RILOBITE		LL STEM TEST REPORT			LUID SUMMAR		
RILOBITE		Deutso	h Oil Company	35-29s-24w Ford Co. Ks.				
	ESTING, NO		. 22nd St. N.	Waneta #	1-35			
		Wichita	a, Ks. 67226	Job Ticket: 5	54144	DST#:1		
NOV .		ATTN:	Logan Walker	Test Start: 2	2014.09.09 @ 21:	:30:09		
Mud and Cเ	shion Information	4						
/lud Type: G	el Chem		Cushion Type:		Oil API:	deg AP		
/lud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	29000 ppm		
iscosity:	51.00 sec/qt		Cushion Volume:	bbl				
Vater Loss:	10.79 in ³		Gas Cushion Type:					
esistivity:	ohm.m		Gas Cushion Pressure:	psig				
alinity: ilter Cake:	8300.00 ppm 0.20 inches							
ecovery In								
-			Recovery Table		_			
	Len f	gth t	Description	Volume bbl				
		62.00	SOGMCW 5%g 45%m 50w	0.870	2			
		62.00	SOMCW 15%m 85%w	0.870	2			
		62.00	SOGWCM 10%g 45%w 45%m	0.870	2			
		62.00	SOGMCW 5%g 45%m 50%w	0.870				
		62.00	SOGWCM 5%g 45%w 50%m	0.870	-			
		45.00	SOWCM 50%w 50%m	0.63	-			
		0.00	137' G.I.P. 100%g	0.000	-			
		0.00	RW .10 @ 74 = 29000	0.000	<u>ס</u>			
	Total Length:		0.00 ft Total Volume: 4.981 bbl					
	Num Fluid San		Num Gas Bombs: 0	Serial #	none			
	Laboratory Na							
	Recovery Cor	nments: R\	N .10 @ 74 degrees = 29000 chlorides					

Printed: 2014.09.10 @ 13:19:34

Ref. No: 54144





Waneta # 1-35

DST Test Number: 1

Serial #: 6773 Inside Deutsch Oil Company

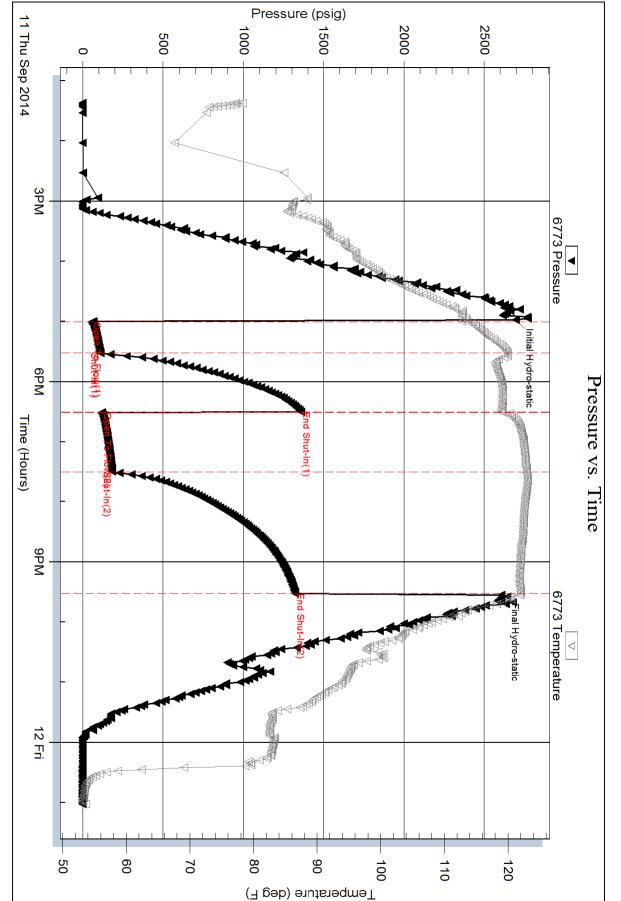
	DRILL STEM TES	ST REPO	ORT				
RILOBITE	Deutsch Oil Company		35-29s-	35-29s-24w Ford Co. Ks.			
ESTING , INC	8300 E. 22nd St. N.		Wanet	a # 1-35			
	Wichita, Ks. 67226		Job Tick	et: 54145	DST#:2		
	ATTN: Logan Walker		Test Sta	rt: 2014.09.11	@ 13:21:38		
GENERAL INFORMATION:	ł						
Formation:MarrowDeviated:NoWhipstock:Time Tool Opened:17:00:23Time Test Ended:01:02:08	ft (KB)		Test Typ Tester: Unit No:	e: Conventio Matt Smith 53	onal Bottom Hole (Reset) า		
Interval: 5342.00 ft (KB) To 5 Total Depth: 5397.00 ft (KB) (T 1 Hole Diameter: 7.88 inches Ho			Referen	ce Elevations: KB to GR/CF:	2582.00 ft (KB) 2572.00 ft (CF) 10.00 ft		
Serial #: 6773 Inside							
Press@RunDepth:183.62 psigStart Date:2014.09.11Start Time:13:21:43	 © 5343.00 ft (KB) End Date: End Time: 	2014.09.12 01:02:08	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2014.09.12 1 @ 16:58:23 1 @ 21:32:53		
TEST COMMENT: IF: Fair blow . Su ISI: No blow . FF: Fair blow . S FSI: No blow .	urf., - 7 1/2".	I					
Pressure vs. v 6773 Pressure	Time 5773 Temperature			SURE SUM			
220 300 400 400 400 400 400 400 40		Time (Min.) 0 2 33 92 93 152 274 275	(psig) (de 2695.77 11 56.45 11 107.44 11 1358.57 11 119.32 11 183.62 12 1322.62 12	3.63 Open To 9.96 Shut-In(8.91 End Shu 9.14 Open To 2.98 Shut-In(2.98 Shut-In(1.98 End Shu	dro-static p Flow (1) 1) ut-ln(1) p Flow (2) 2)		
Recovery				Gas Rates			
Length (ft) Description	Volume (bbl)		(Choke (inches) Pre	essure (psig) Gas Rate (Mcf/d)		
62.00 SOGWCM 5%g 45%w 5							
62.00 SOGWCM 5%g 25%w 7 62.00 SOGWCM 5%g 10%w 8							
62.00 SOGWCM 5%g 10%w 8 62.00 SOGWCM 3%g 37%w 6							
67.00 SOMCW 25%m 75%w	0.94						
0.00 RW .18 @ 56 = 52000 c							
* Recovery from multiple tests							

(On-		DRI	LL STEM TEST REPOR	Г	FL	UID SUMMARY
	RILOBITE	Deutso	h Oil Company	35-29s-24	w Ford Co. Ks.	
	ESTING , INC.	0200 E	. 22nd St. N.	Waneta #	4 1_35	
			a, Ks. 67226			DOT#. 0
				Job Ticket:		DST#:2
		ATTN:	Logan Walker	Test Start:	2014.09.11 @ 13:2	21:38
Mud and Cu	ushion Information					
Mud Type: G	Gel Chem		Cushion Type:		Oil A PI:	deg API
<i>I</i> ud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	52000 ppm
/iscosity:	66.00 sec/qt		Cushion Volume:	bbl		
Vater Loss:	11.19 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	10400.00 ppm					
Filter Cake:	0.20 inches					
Recovery Ir	nformation					
			Recovery Table	1	-	
	Lengt ft	th	Description	Volume bbl		
		62.00	SOGWCM 5%g 45%w 50%m	0.87	o	
		62.00	SOGWCM 5%g 25%w 70%m	0.87		
		62.00	SOGWCM 5%g 10%w 85%m	0.87		
		62.00	SOGWCM 3%g 37%w 60%m	0.87		
		67.00 0.00	SOMCW 25%m 75%w RW .18 @ 56 = 52000 chlorides	0.94		
	L Total Length:		.00 ft Total Volume: 4.420 bbl	0.00		
	Num Fluid Samp		Num Gas Bombs: 0	Serial #	#: none	
	Laboratory Nam		Laboratory Location:		+. Hone	
	Recovery Com		Eaboratory Eboation.			

Printed: 2014.09.12 @ 05:55:08

Ref. No: 54145





Waneta # 1-35

DST Test Number: 2

Serial #: 6773 Inside Deutsch Oil Company