

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1048271

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 Tast / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	Lease Name: Well #:
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: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or 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 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 (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	1e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	│ No │ No │ No					
List All E. Logs Run:								
		Report al		RECORD N	ew Used ermediate, producti	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In	asing	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		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	ξ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify))					



DRILL STEM TEST REPORT

Prepared For: Lotus Operating Company LLC

100 S. Main Ste.420 Wichita Ks 67202-3737

ATTN: Tim Hellman

18-31s-3e Cowley

Blankenship #1

Start Date:	2010.03.12 @	17:33:39	
End Date:	2010.03.12 @	23:45:03	
Job Ticket #:	38205	DST #:	1

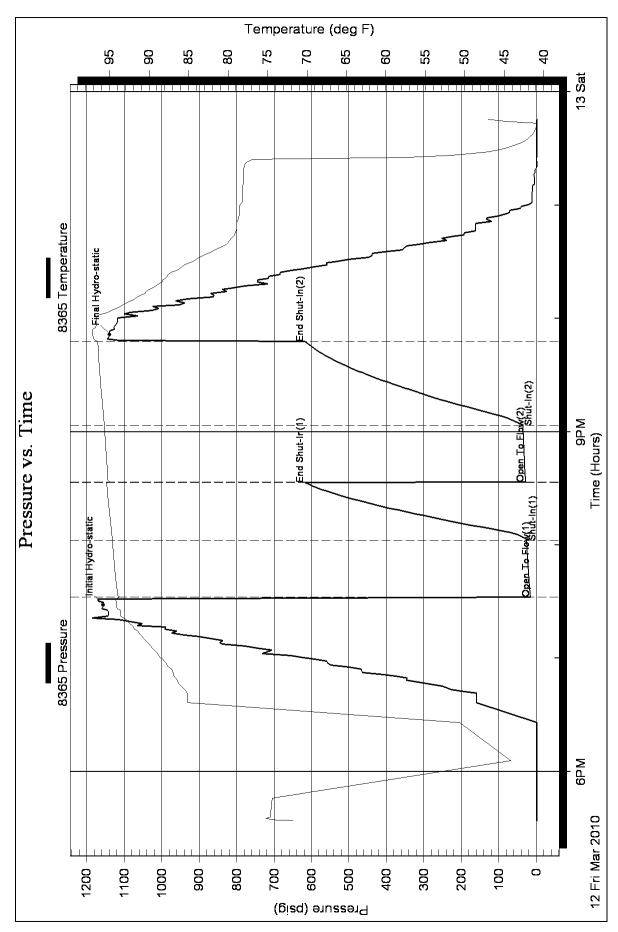
Trilobite Testing, Inc PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

RILOBITE	DRILL STEM TES	T REP	ORT				
	Lotus Operating Company LLC		Bla	nkenshi	ip #1		
ESTING , INC	Ste.420			31s-3e C Ticket: 38	-	DST#	4:1
	Wichita Ks 67202-3737 ATTN: Tim Hellman		Test	Start: 20)10.03.12 @	17:33:39	
GENERAL INFORMATION:							
Formation: LKC Deviated: No Whipstock: Time Tool Opened: 19:32:04 Time Test Ended: 23:45:03	ft (KB)		Test Test Unit	er: F	Conventional Ray Schwag 42		Hole
Total Depth: 2486.00 ft (KB) (488.00 ft (KB) (TVD) ™D) le Condition: Fair		Refe	erence Ele KB te	evations: o GR/CF:	1205.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8365InsidePress@RunDepth:36.69 psigStart Date:2010.03.12Start Time:17:33:39TEST COMMENT:IFP-w k bl thru- FFP-surface bl Times 30-30-30	End Date: End Time: but thru-out	2010.03.12 23:45:03	Capacity: Last Calib Time On E Time Off I	o.: Btm: 2	2010.03.12 @ 2010.03.12 @	2010.03.1 @ 19:28:0)4
Pressure vs 8000 Pressure	Time 8305 Temperature						
	- 66 - 66 - 66 - 66	Time (Min.) 0 4 34 65	Pressure (psig) 1155.56 14.99 25.62 617.45	Temp (deg F) 94.10 93.72 94.63 95.35	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir	o-static ow (1)	
	- 76 Temperature (deg F)	65 95 140 144	28.47 36.69 618.34 1138.39		Open To Fl Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2)	
	- 48 - 40 - 13 Sat						
Recovery			ļļ	Gas	s Rates		
Length (ft) Description	Volume (bbl)			Choke (ii		e (psig)	Gas Rate (Mcf/d)
30.00 Mud	0.15						
Trilobite Testing, Inc	Ref. No: 38205						13 Page 2

AT DE T		DRI	LL S	TEM TEST F	REPORT	-			UMMARY
RILOBI	TE			Company LLC		Blankens			
ESTI	NG , INC	100 S. Ste.42 Wichita	Main	2-3737		18-31s-3e Job Ticket: 3	Cowley	DST#:1 7:33:39	
Mud and Cushion Info	rmation								
Mud Type: Gel Chem Mud Weight: 9.00 lb Viscosity: 47.00 se Water Loss: 11.17 in	/gal ec/qt ₃ nm.m om			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure	:	ft bbl psig	Oil API: Water Salinity:		deg API ppm
Recovery Information									
 r		41-	F	Recovery Table			Т		
	Leng ft			Description		Volume bbl	_		
	al Length:	30.00	Mud .00 ft	Total Volume:	0.148 bbl	0.148	3]		
Lab	n Fluid Samp oratory Nan overy Comr	ne:		Num Gas Bombs: Laboratory Locatio	0 n:	Serial #			

Serial #: 8365 Inside Lotus Operating Company LLC

18-31s-3e Cow ley



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Ref. No: 38205

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: Lotus Operating Company LLC

100 S. Main Ste.420 Wichita Ks 67202-3737

ATTN: Tim Hellman

18-31s-3e Cowley

Blankenship #1

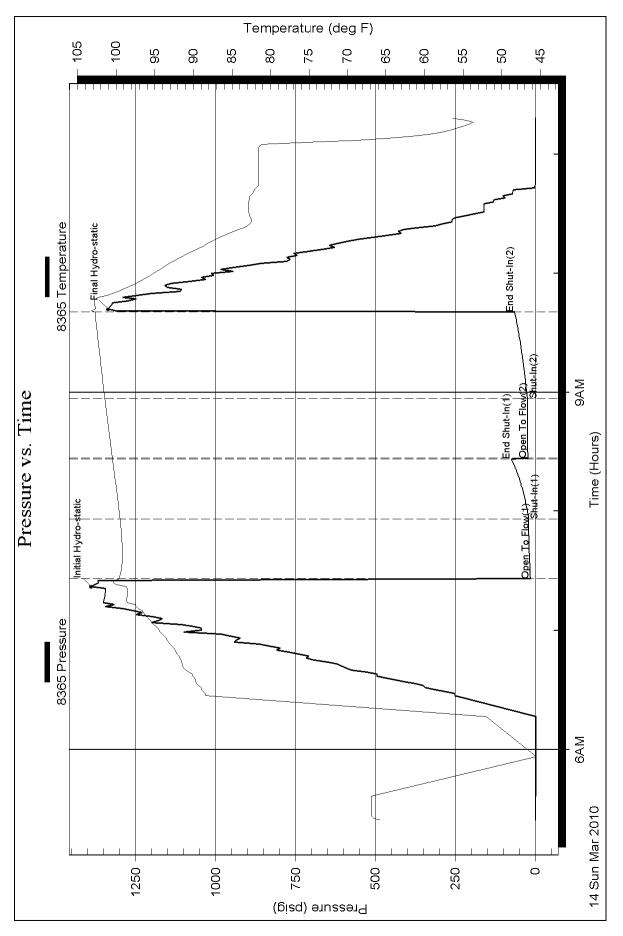
Start Date:	2010.03.14 @	05:24:21	
End Date:	2010.03.14 @	11:17:45	
Job Ticket #:	38206	DST #:	2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

	RILOBITE	DRILL STEM TE	S	T REPO	ORT				
North Contraction		Lotus Operating Company LL	С		Bla	nkensh	ip #1		
	ESTING , INC				18-	31s-3e (Cowley		
		Ste.420 Wichita Ks 67202-3737			Job	Ticket: 38	3206	DST#:	2
		ATTN: Tim Hellman			Tes	t Start: 20	010.03.14 @	05:24:21	
GENERAL	INFORMATION:								
Formation:	Arbuckle								
	No Whipstock: ened: 07:25:46 led: 11:17:45	ft (KB)			Tes	ter:	Conventiona Ray Schw a 42		le
Interval:	2806.00 ft (KB) To 28	343.00 ft (KB) (TVD)			Ref	erence 🖽	evations:	1213.00	ft (KB)
Total Depth:	2843.00 ft (KB) (T	,						1205.00	
Hole Diameter:	: 7.85 inchesHole	e Condition: Fair				KB t	to GR/CF:	8.00	ft
Serial #: 8					o ''			0000.07	
Press@RunDe Start Date:	epth: 24.30 psig 2010.03.14	@ 2815.01 ft (KB) End Date:	:	2010.03.14	Capacity Last Cali			8000.00 2010.03.14	
Start Time:	05:24:21	End Time:		11:17:45	Time On	Btm:	2010.03.14		
					Time Off	Btm:	2010.03.14 (@ 09:41:45	
TEST COM	MENT: IFP-surface bl th FFP-surface bl t								
	Times 30-30-30-	45							
	Pressure vs. I	Time					RE SUMM		
FT	8385 Pressure	8365 Temperature	_	Time	Pressure	Temp			
-				(Min.)	(psig)	(deg F)			
1250		- 95		0 4	1389.07 14.94	98.69 99.55			
1000				34	20.31	99.49	Shut-In(1)	low (1)	
, ,				65	73.56	100.50			
760		- 76	nperatu	65 95	22.17 24.30	100.50 101.46	Open To F Shut-In(2)	low (2)	
		70	leg	139	63.93	102.75		n(2)	
				140	1336.67	102.62	Final Hydro	o-static	
250									
		Intella (17) End Sintella (2)		1					
0	M Time (Hous)						s Rates		
4 Sun Mar 2010	M Turne (House) M Turne (House) M Description	Dental Contraction of the second seco				Ga Choke (i		rre (psig) Ga	as Rate (Mct/d)
0	M Time (Hous)							ire (psig) G	as Rate (Mct/d)
eAw A Sun Mar 2010	M Turne (House) M Turne (House) M Description	Dental Contraction of the second seco						re (psig) G	as Rate (Mct/d)
a Sun Mar 2010	M Turne (House) M Turne (House) M Description	Dental Contraction of the second seco						re (psig) G	as Rate (Mcf/d)
eAw A Sun Mar 2010	M Turne (House) M Turne (House) M Description	Dental Contraction of the second seco						re (psig) G	as Rate (Mcf/d)

(SIA) RILOE	BITE		LL STEM TI					FLUID S	UMMAF
Trot	BITE TING , INC	Lotus C	Dperating Company L	LC		Blankens	nip #1		
	ING , INC	100 S. I				18-31s-3e	Cowley		
		Ste.420 Wichita) Ks 67202-3737			Job Ticket: 3	8206	DST#:2	
			Tim Hellman			Test Start: 2	010.03.14 @ 0	5:24:21	
Mud and Cushion Inf	ormation								
Mud Type: Gel Chem			Cushion Typ				Oil A PI:		deg AP
	lb/gal		Cushion Len			ft	Water Salinity:		ppm
Viscosity: 47.00	-		Cushion Volu			bbl			
Nater Loss: 11.13 Resistivity:	in ^s ohm.m		Gas Cushior Gas Cushior			nsia			
Salinity: 1900.00	-		Gas Cushior	rressure.		psig			
Recovery Information	n		Popoveru -	Tabla					
		.	Recovery				т		
	Lengtl ft	h	Descripti	on		Volume bbl			
		5.00	OCM 10%O90%M			0.025	5		
То	otal Length:	5.	00 ft Total Volu	ume:	0.025 bbl				
Ni	um Fluid Sampl	امع ۵	Num Gas	Bombs:	0	Serial #			
	boratory Nam		Laborato	ry Location:					
	iboratory Nam ecovery Comm		Laborato	ry Location:					
			Laborato	ry Location:					
			Laborato	ry Location:					
			Laborato	ry Location:					
			Laborato	ry Location:					
			Laborato	ry Location:					
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			Laborato	ry Location:					





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Ref. No: 38206

Trilobite Testing, Inc

CONSOLIDATED Oil Well Services, LLC RECEIVED MAR 1 2 2009 INVOICE Invoice Date: 03/10/2010 T LOTUS OPERATING 100 S. MAIN SUITE 420 WICHITA KS 67202 (316) 262-1077	REMIT TO Consolidated Oil Well Service Dept. 970 P.O. Box 4346 Houston, TX 77210-434 Ferms : BLANKE 23985 03-08-	46 ======= NSHIP #1	P Chanute 620/431-9210 • 1-80 FAX 62 Invoice # ======================== Pa	20/431-0012 233254
		========		
1102 CALCIUM 1118A S-5 GEL, 1107 FLO-SEAJ	A" CEMENT (SALE) CHLORIDE (50#) / BENTONITE (50#)	Qty 175.00 495.00 330.00 88.00 1.00	Unit Price 13.1000 .7300 .1700 2.0000 300.0000	Total 2292.50 361.35 56.10 176.00 300.00
Description 463 CEMENT PUMP (SURFACE) 463 EQUIPMENT MILEAGE (ONE 479 TON MILEAGE DELIVERY	GL# 9208 DESC. <u>Cement surfe</u> <u>PIPE</u> WELL # Blanken ENTERED MAR - 8 2010	1.00 70.00 576.10	1.20	Total 700.00 248.50 691.32
Parts: 3185.95 Freight: Labor: .00 Misc: Sublt: .00 Supplies:	.00 Tax: .00 Total: .00 Change:	5010.	79 AR 56 00	5010.56
Signed			Date	
Вартериина, Ок Есловаро, КS Елека, Ка 918/338-0808 316/322-7022 620/583-7664	GILLETTE, WY MCALESTER, OK 307/686-4914 918/426-7667	0ttawa, Ks 785/242-4044	Тначер, Ks 620/839-5269	Worland, Wy 307/347-4577

C	CONSOLIDATED oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		620/431-9210 • 1	Main OFFICE P.O. Box 884- Chanute, KS 66720 620/431-9210 • 1-800/467-8676 FAX 620/431-0012	
INVOI	CE			Invoice #	233316
===== Invoi	ce Date: 03/16	======================================			======= Page 1
LOTUS OPERATING 100 S. MAIN SUITE 420 WICHITA KS 67202 (316)262-1077		TE 420	BLANKENSHIE 24019 03-15-10	• #1 1213 (2731) 642 1 8	
=====					
Part 1 1131 1118A	Number	Description 60/40 POZ MIX S-5 GEL/ BENTONIT	110.	ty Unit Price 00 11.0000 00 .1700	
445 445 479	Description P & A NEW WELL EQUIPMENT MILE TON MILEAGE DE		1.	rs Unit Price 00 900.00 00 3.55 10 1.20	Total 900.00 248.50 397.32

GL#	9255	
DESC.	Plug well	
		CNTERED
WELL #_	Blankership	MAR 1 9 2010

	============		==========		===========	=======	
Parts:	1273.75	Freight:	.00	Tax:	73.88	AR	2893.45
Labor:	.00	Misc:	.00	Total:	2893.45		
Sublt:	.00	Supplies:	.00	Change:	.00		
=========			==============		============		

Signed				Date			
BARTLESVILLE, OK	ELDORADO, KS	Еигека, Ks	Gillette, Wy	McAlester, OK	Оттаwа, К s	Тнауев, Ks	Worland, Wy
918/338-0808	316/322-7022	620/583-7664	307/686-4914	918/426-7667	785/242-4044	620/839-5269	307/347-4577





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24019

TICKET NUMBER LOCATION Eureka FOREMAN Clifford Strickler

PO Box 884, Chanute, KS 66720

1

FIELD TICKET & TREATMENT REPORT

620-431-9210 or 800-467-867	'6	CEMEN				
DATE CUSTOMER #		MBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-15-10 4154	Blankenship #1					Canter
CUSTOMER						
Latus Aperation	Constany LLC		TRUCK #	DRIVER	TRUCK #	DRIVER
Lotus Operating			445	Justin		
100 S Main	Ste 420		479	John		
CITY	STATE ZIP CODE					
Wiehita	KS 67202					
JOB TYPE P. T. A.	HOLE SIZE		H_2920'	_ CASING SIZE & V	VEIGHT	
CASING DEPTH		TUBING			OTHER	
SLURRY WEIGHT 14 *	SLURRY VOL	WATER gal/s	sk 7.0	CEMENT LEFT in	CASING	
	DISPLACEMENT PS	MIX PSI		RAIE		
REMARKS: Safety M	lecting, Rig up	to 43"	Drill pipe.	Plugging c	orders as	s follows
	35 Sks @ 2	20'				
	35 Sts @ 37					
	25 5ks @ 6)' to si	rface			
		athole				

"Thank You "

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 N	1	PUMP CHARGE	900.00	900.00
5406	70	MILEAGE	3.55	248.50
3700				
1131	110 SKS	100/40 Poz Mix Cement	11.00	1210.00
1118 A	375 *	4% (sel		63.75
		Ton-Mileage Bulk Truck	1.20	397.32
5407 A	4.73	Tort-Thileage Both- Hote		
			subtotal	2819.57
┠──────╂			SALES TAX	13.88
Ravin 3737		ave TITLE Driller	ESTIMATED TOTAL	2893.4
AUTHORIZTION	writnessed by . D	ave TITLE Driller	DATE	