KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1251247

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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
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?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
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 Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
SWD Permit #: ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date of Recompletion Date of Recompletion Date of Recompletion Date Rec	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 Approved by: Date:

	Page Two	1251247
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated De	tail all aaraa Danart all final	agning of drill stome tools giving interval toolad, 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 She	eets)	Yes No	No Log Formation (Top), Depth and Datum			Sample	
Samples Sent to Geolog	ical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)					
		ADDITIONAL	CEMENTING / SQL	IEEZE RECORD			

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

No

(If No, skip questions 2 and 3)

the ACO-1)

Depth

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

Shots Per Foot

t	otal base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(If No, skip question 3)
	ing treatment information submitted to the chemical disclosure registry?	Yes	No	(If No, fill out Page Three of
	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid,		not, Cement Squeeze Record d Kind of Material Used)

TUBING RECORD:	Size:		Set At:		Packer	At:	Liner Run:	: 🗌 Yes 🗌	No	
Date of First, Resumed	Production, S	WD or ENHF	ł.	Producing Me	ethod:	bing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	s.	Gas	Mcf	Wate	r	Bbls.	Gas-Oil Ratio	Gravity
				-						
							TIONI			

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
Vented Sold Used on Lease	Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)	
(If vented, Submit ACO-18.)	Other (Specify)	

Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	Homolka 1-35
Doc ID	1251247

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	476	Common	300	2% cc
Production	7.875	5.5	14	3364	AA-2	175	NA

BASIC BASIC

	PAGE	CUST NO	YARD #	INVOICE DATE									
	1 of 1	1000793	1718	03/18/2015									
		INVOICE NUMBER											
	91758957												
	J LEASE O LOCATI B		flin 1-	Homolka									
,	COUNTY	r Bai	Barton										
,	S STATE	KS											

B	CMX .	LN	-						5
I	1700	N	WATERFRONT	PKWY	BLDG	300	STE	в	
L									S

L WICHITA KS US 67206

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Pratt B CMX INC

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I

(620) 672-1201

JOB DESCRIPTION Cement-New Well Casing/Pi JOB CONTACT

o ATTN: ACCOUNTS PAYABLE

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE	
40824649	27463				Net - 30 days	04/17/2015	
	. <u>.</u>		QTY	U of M	UNIT PRICE	INVOICE AMOUNT	
For Service Dates	s: 03/17/2015 to	03/17/2015					
040824649							
171912204A Com	ent-New Well Casing/	Pi 02/17/2015					
Cement 8 5/8" Sur		103/17/2015			- 21	A 12	
	1999 - 1999 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 -	650 - 63 - 90 - 9	8 (SR)		266-32	8.0	
Common Cement		manda con en o bonna	300.00	Aug. 197	5.6		
Celloflake Calcium Chloride			75.00 564.00		1.3 0.3		
"Wooden Cmt Plug	9 5/9"""		1.00		56.4		
-	(PU, cars one way)"		75.00		1.5		
Heavy Equipment M			150.00		2.6		
	el. Chgs., per ton mil		1,058.00		0.8		
Depth Charge; 0-50			1.00		352.7		
Blending & Mixing S			300.00		0.4		
Plug Container Util.			1.00	EA	88.1	9 88.1	
"Service Superviso			1.00	EA	61.7	3 61.7	
			3				
at l							
					3	16:	
					2 - s.	1	
PLEASE REMIT	TO:	SEND OTHER CORRES	PONDENCE TO	0:		di na shaka	
BASIC ENERGY	SERVICES, LP	BASIC ENERGY SERV	ICES, LP		SUB TOTAL	4,156.3	
PO BOX 84190	3	801 CHERRY ST, ST	E 2100		TAX	143.0	
DALLAS, TX 75	284-1903	FORT WORTH, TX 76	102	INV	OICE TOTAL	4,299.3	

EN	ERGY	SERVICES P.O. Prat	4 NE H Box 86 t, Kans ne 620-6	lwy. 61 13 as 67124 672-1201			FIELD SERVICE TICKET 1718 12304 A	
PRESSU	JRE PUMI	PING & WIRELINE	1-10	25-1	112		DATE TICKET NO	
DATE OF JOB 3/17/	15 [DISTRICT			NEW RELL			
CUSTOMER (MX, Inc					LEASE Staffin Homolka well NO.			
ADDRESS			COUNTY Barlon STATE KS					
CITY		STATE			SERVICE CREW Scott, Share, Fling			
AUTHORIZED BY	ch	kasten			JOB TYPE: 85/8 Surface Pipe CNG			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED DATE AM TIME	
271/63	-5						ARRIVED AT JOB 3/17/15 PM2:00	
19918	125						START OPERATION 3/17/15 PM 4:45	
							FINISH OPERATION 3/17/15 PM 5:00	
							RELEASED 3/17/15 AM 600	
							MILES FROM STATION TO WELL	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP. 7000

SIGNED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CPIDOC	Common Cement	SK	300		4800	00
CC 102	Cello flake	16	75		277	50
CC109	Calcum Chloride	16	564		592	20
CF 15.3	Worken Cement Plug 85/8	Ea	/		160	00
F-1001						
E ICO		DS MI			337	SC
Eliz	Heavy Enginent Mileade	19/	150		7/117	10
E11)	Mont Dalk Velivery Charge	100	1050		1000	S
CF2110	Blenching & Mixing Service	SK	3(1)		47/1	00
CI-504	Pluce Container 14, lization	Tok			250	00
	That a stratter the transition	- NA			6.00	
5003	Service Supervisor first 8 hi	5 84	1		175	00
					0	
СН	EMICAL / ACID DATA:			SUB TOTAL	11,780.	95
	SERVICE & E	QUIPMENT		X ON \$		
	MATERIALS		%TA	X ON \$		
		I	Discoun	ted Total	4156	Ø
SERVICE REPRESENTATI	VE THE ABOVE MATERIAL AND ORDERED BY CUSTOMER A			Van Z.	4	
		(WELL (WNER OPERA	TOR CONTRACTOR OF	AGENT)	

FIELD SERVICE ORDER NO.



TREATMENT REPORT

12 U 20 U												
Customer MX, Inc				Lease No.					Date			
Lease 4	the	Homo	IKA	Well #	541		145		5/1	7/15		
Field Order #	A Station		+ 115			Casing 5/	Depth	478	County	, dan		State
Type Job	5/8 5	Suctar	r F	inc	C,	NU	Formation	~~Q_		Legai D	escription	5-114
PIPE	E DATA	PERF	ORATINO	DATA	F	LUID USE	ED		TRE	ATMENT		
Casing Size	Tubing Si	ze Shots/F	it 📔		Acid			1	RATE PR	ESS	ISIP 5 Min. 10 Min.	
Depth 174	Depth	From	То	1	Pre Pa	d	11	Max	-			
Volume	Volume	From	То		Pad			Min				
Max Press	Max Press	s From	То		Frac A		Avg			15 Min.		
Well Connectio	Annulus V	^{/ol.} From	То					HHP Used			Annulus	Pressure
Plug Depth	Packer De	epth From	То		Flush			Gas Volum		1	Total Loa	ad
Customer Rep	presentative	ilin		Station	Manage	Kevin	6	ulle.	Treater 3	cot-1	Gi	urs_
	38970	27463	19826		_					12		2 1
Driver Names	Scott	Shaw	Flinn									
Time	Casing Pressure	Tubing Pressure	Bbls. Pu	mped	Rat	e	-		Ser	vice Log		
200							6600	oficer	n Scrt	ely j	Meer	ing Ry
4.30	5. 		~ ^	,		2	Sica	K C	ITCIAL	ation	7	
4:45	200				4.		un	2p/	120	Spa	(4/	
4:46	450		3	il i	5.0	2 2	Mix.	300	SKS	Con	nmo	n 15.6
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Taylor Printing, Inc. 620-672-3656

PAGE	CUST NO	YARD #	INVOICE DATE								
1 of 1	1000793	1718	03/27/2015								
INVOICE NUMBER											

	Pratt	(620) 672-1201	J LEASE NAME <u>LOCATION</u>		Homolka 1-35			
I L L T	WICHITA KS US	TERFRONT PKWY BLDG 300 STE E 67206	B S I T E	COUNTY STATE JOB DESCRIPTION JOB CONTACT	Barton KS Cement-New	Well Casing/Pi		
0	ATTN:	ACCOUNTS PAYABLE						

JOB # EQUIPMENT # PURCHASE		ORDER NO.		TERMS	DUE DATE	
40827442	27463				Net - 30 days	04/26/2015
	130		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates	s: 03/24/2015 to 0	3/24/2015				
0040827442						
171812308A Ceme Cement 5 1/2" Lon	ent-New Well Casing/Pi (gstring	03/24/2015				10 12 M
- 16 8 -		e e e e e e e e e e e e e e e e e e e	175.00		10 5	1 - 1 - 844 50
AA2 Cement			175.00 50.00		10.5	
60/40 POZ C-41P			33.00		2.4	
Salt			797.00		0.3	
Cement Friction Re	lucer		50.00		3.7	
FLA-322	2000		83.00		4.6	
Mud Flush			500.00		0.9	
Gilsonite			875.00		0.4	2 363.48
	& Baffle, 5 1/2"" (Blu		1.00	EA	248.0	0 248.0
-	Type, 5 1/2"" (Red)"		1.00	EA	2,294.0	0 2,294.0
"Turbolizer, 5 1/2"			10.00	EA	68.2	0 682.0
"5 1/2"" Basket (Bl			1.00	EA	179.8	0 179.8
"Unit Mileage Chg (PU, cars one way)"		65.00	MI	2.7	9 181.:
Heavy Equipment N	fileage		130.00	MI	4.6	
"Proppant & Bulk D	el. Chgs., per ton mil		676.00	EA	1.5	
Depth Charge; 300	1-4000'		1.00	EA	1,339.2	
Blending & Mixing S	Service Charge		225.00		0.8	
Plug Container Util.	Chg.		1.00		155.0	
"Service Superviso	r, first 8 hrs on loc.		1.00	EA	108.5	0 108.5
					1995 200	1 1
n agus						
PLEASE REMIT	TO: SI	END OTHER CORRES	PONDENCE T	0:	SUB TOTAL	10,981.2
	SERVICES, LP BA	ASIC ENERGY SERV	ICES, LP			
PO BOX 84190)1 CHERRY ST, ST			TAX	282.1
DALLAS, TX 75	204-1303 FC	ORT WORTH, TX 76	102	INV	OICE TOTAL	11,263.4

\frown							FIELD SERVICE TICKET				
	3A	SIC	10244 NE F P.O. Box 86	513			1718 <u>12308</u> A				
EN	IERGY	SERVICES	Pratt, Kans Phone 620-								
PRESS		PING & WIRELINE	35-	-165-	11ω		DATE TICKET NO				
DATE OF JOB 3/24/16	5 [DISTRICT									
	Inc.			LEASE HOMOLKA 1-35 WELL NO.							
ADDRESS							COUNTY Barton STATE KS				
CITY		STATE			SERVICE CREW Scott, Jash, Aarram						
AUTHORIZED BY					JOB TYPE: 51/2 LONG Stung CNGI						
EQUIPMENT#	HRS	EQUIPMENT	# HRS	EQL	JIPMENT#	HRS	TRUCK CALLED DATE AM TIME				
27463	.8						ARRIVED AT JOB 3/24/15 \$ 4:30				
14867	,25						START OPERATION 3/74/15 PM/1 35				
							FINISH OPERATION SIJULIS MILLES				
							RELEASED 3/24/15 #12:00				
							MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP. SIGNED: 2 17

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICE	S USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CDIOS	AAZ Coment		SK	175 -	/	2975	00
CP103	661416 POZ		SK	50 -		600	00
50.105	C-UIP		16	33 .		132	00
CCIII	Scild		16	797 -		398	50
CC112	Cement Euclion Reduce	C	16	50 -		300	00
CC129	FLA-322		16	83 -		622.	50
eczoj	Gilsonile		15	875	a na t	586	25
CF607	butch down Pluc + Bult	1e 5/2	EG	1 -		400	OC .
CE 1001	Packer Shor 51/2		EL	1		3700	00
(F1651	Turbolizers 5/2		34	10 -		1100	00
CF1901	51/2 Busket		Ea	1 -	****	290	00
((151	Mud Flush		Gal	500 -	· · · ·	750	2
E 100	Unit Mileage Churde P	P.ck ups	MI	65		292	50
E 101	Heavy Equipment Mileua	12	MI	130		975	66
E113	Pipp + Bulk Delivery CHO	rite	TM	676		1690.	00
66204	Depth Charge 3001-4000	<u> </u>	Spis	1		2160	00
(FZ40	Blending & Mixing Saura	Charge	5K	225		315	00
CE504	Plug Confainer Atilization	<u> </u>	Job	/		250	00
5003	Service Supervisor first	Shis Enler	5a	1			00
СН	EMICAL / ACID DATA:				SUB TOTAL	17711	T
		SERVICE & EQUIP	MENT	%TA	X ON \$	1) / / / /	
		MATERIALS			X ON \$		
				5			
				L	Total 19	10,98).	27
SERVICE REPRESENTATI		MATERIAL AND SERV CUSTOMER AND RI	ECEIVE	P - 11/1	HB.		
FIELD SERVICE	ORDER NO.		(WELL O	WNER OPERAT	OR CONTRACTOR OR	AGENT)	

CLOUD LITHO - Abilene, TX



TREATMENT REPORT

Customer	NY I	ni	Lease No.				Date	1. 1. 1. 1. 1. 1.		
Lease	molka	de la pose	Well #	- 35		20 Address Address	5/2011	15-		g when
Field Order #	Station	arti	KS	Casing	Depth Formation	581	County Dec.	Legal Desc	Sta	ks
5/2	Long	String	CNW							1997
PIPE		1.	RATING DATA	FLUID	USED			MENT R		
sing Size	Tubing Size	Shots/Ft		Acid			RATE PRES		ISIP	
Pth 364	Depth	From	То	Pre Pad	n en de la composition de la compositio	Max	- 114		5 Min.	
lume 8 2 44	Volume	From	То	Pad		Min			10 Min.	
2000	Max Press	From	То	Frac	11 ° 18 10	Avg			15 Min.	
512	Annulus Vol.	From	То		2	HHP Used			Annulus Press	ure
ig Depth	Packer Dept	From	То	Flush		Gas Volum	- 1. to - 1. t	Sec. 187	Total Load	
stomer Repre	sentative		Station	Manager	n Ga	drey	Treater	H C	Sinces	and Constants
rvice Units	8970 2	741631	9960				16 a		12.00	Store States
iver	Scotl:	Tixh	facion			t dig ^{ita}	1.000	ti		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate			Servic	e Log	in equipality	1.23(99) +
:30				1	Do las	-lino	Selet.	Meet	in D	in in A
:00	6 1 S (); S	Jerlet 1			P. E	and s	anio R	AKal	Que de	, ap
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10.113	200		12	4.5	Dump	120 LIZA	gallons.	Mul	Flush	1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	300	galan in in	5	5.5	min	170	Sparer	21.	and the for	in the
1.99 .	14		117 11	<u></u>		<u> </u>	S AH .	<u>len</u>	nent	13.54
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10:54	100		51	5.6	Release	rum r Pl	at lin ug 5	tart	Displa.	ceme
11:03	100		51	5.6	Release Lift F	Pum ressa	at lin ug S-	tant	Displa	cense
11:03 . 11:10 :	10-000 A. A.		19	5.6 5.6 3.5	Release Lift F Reduce	Pum ressa Ru	at lin ug St	tart	Displa	Cenne.
11:03 . 11:03 . 11:10 :	10-000 A. A.			5.6 5.6 3.5 3.4	Relead Lift F Reduce Plug	Pum re: Pl fessa Ra lande	at lin ug S- te d	es l tart	Displa	(epil
11:03 11:03 11:10 11:14 11:14 1:14	10-000 A. A.		19	~	Reduce Reduce Plug Plusson	Pum ressa lande	at lin ug 5- de de pont	es l last	Displa	(epi)
11:03 11:03 11:10 11:14 11:14 1:15	10-000 A. A.		19	~	Release Reduce Plug Picsson Release	Pum Pressa Rande Lande Cande	te d pon f	es l last	Displa Displa	(eme
11:10 = 11:14 1:14 1:15 1:15	10-000 A. A.		19	~	Reduce Lift F Reduce Plug Plug Relcase Plug	Pum Hessan Lande Rad Rad	te d pon f	es l last	Displa Displa durns 60/4	111. 5 10 PO
10:54 11:03 11:10 11:14 11:14 1:15 1:20 1:25	10-000 A. A.		19	~	Reduce Reduce Plug Picsson Release Plug Plug Plug	Pum ressa lande funde fut Mour	te d pon f	es l last	Displa Displa Colspla Colspla Sks 60	
11:10 = 11:14 1:14 1:15 1:15	10-000 A. A.		19	~	Recture Recture Plug Presson Release Plug Plug Shut	Pum ressa lande Ra lande Ra Ra Ra Mour dow	te d pon f	es l last i slug slo k so sk s e 20	Displa Displa Coly Sks 60	TH.
11:10 : 11:14 1:14 1:15 1:20 1:25	10-000 A. A.		19	~	Reduce Plug Plug Plug Plug Plug Shut Reduce Plug Plug Shut	Pum Hessan Hessan Rande Rande Rande Rande Rande Rande Rande Rande Rande Rande Rande Rande	te d p on t suce hole = n n	es l land so sk s e 20 flug	Displa Displa Displa Displa Displa Colls Sks 60	

	RILOBITE					400/441	V/D	1 o 10	
	ESTING , INC.	CMX Incorperated			35/	16S/11V	v/Bar	ton	
		1700 N Waterfront Parkwa Building 300B	ay		Но	molke #	1-35		
		Wichita, Kansas 67206			Job	Ticket: 62	2050	DST	#:1
		ATTN: Ken LaBlanc			Tes	t Start: 20	015.03.	20 @ 22:59:00	0
GENERAL IN	NFORMATION:								
ormation:	Lansing/Kansas Ci				-	. –	~		
Deviated: Time Tool Open	No Whipstock:	ft (KB)			Tes Tes		Conver Ken Sw	ntional Bottom	Hole (Initial)
ime Test Ende					Unit			at Bend/68	
nterval:	3075.00 ft (KB) To 31	102.00 ft (KB) (TVD)			Ref	erence Ele	evation	s 1932	00 ft (KB)
otal Depth:	3102.00 ft (KB) (T						ovation.		00 ft (CF)
lole Diameter:		e Condition: Fair				KB t	to GR/C		00 ft
erial #: 68	338 Inside								
ress@RunDep		@ 3097.00 ft (KB)			Capacity	:		8000.	00 psig
art Date:	2015.03.20	End Date:	20	015.03.21	Last Cali			2015.03.	
art Time:	23:00:00	End Time:		05:38:30	Time On Time Off			3.21 @ 00:22: 3.21 @ 04:10:	
	151 Shutin 60	Minutes/Blow back built to bo	ntorn or i	DUCKET IN Z	minutes				
		Mintues/Strong blow /Blow at Mintues/Blow back built to bo			•	econds			
	2ND Shut In 90 I	Mintues/Blow back built to bo			minute 30 se		RE SU	IMMARY	
500	2ND Shut In 90 I	Mintues/Blow back built to bo		bucket in 1 i	minute 30 se Pf Pressure	RESSUF Temp		IMMARY notation	
500	2ND Shut In 90 I	Mintues/Blow back built to bo		Time (Min.)	Pressure (psig)	RESSUF Temp (deg F)	Ann	otation	
-	2ND Shut In 90 I	Mintues/Blow back built to bo		bucket in 1 i	minute 30 se Pf Pressure	RESSUF Temp	Ann Initial	otation Hydro-static	
-	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 100	Time (Min.) 0	minute 30 se Pf Pressure (psig) 1528.01	RESSUF Temp (deg F) 99.82	Ann Initial	otation Hydro-static To Flow (1)	
220	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 1005 - 1000 - 95 - 95 - 95 - 95	Time (Min.) 0 1 31 91	Pressure (psig) 1528.01 191.87 105.17 1007.56	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76	Ann Initial Open Shut- End S	otation Hydro-static To Flow (1) In(1) Shut-In(1)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 1005 - 1000 - 95 - 95 - 95 - 95	Time (Min.) 0 1 31 91 92	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50	Ann Initial Open Shut- End S Open	otation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	1006 - 1006 - 95 - 95 - 95 - 75 - 75 - 75 - 75	Time (Min.) 0 1 31 91 92 136	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84	RESSUR Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16	Ann Initial Open Shut- End S Open Shut-	otation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2)	
270 	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 1005 - 1000 - 95 - 95 - 95 - 95	Time (Min.) 0 1 31 91 92	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)	
270 	2ND Shut In 90 I	Mintues/Blow back built to bo	1006 - 1006 - 95 - 95 - 95 - 75 - 75 - 75 - 75	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUR Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56	Ann Initial Open Shut- End S Open Shut- End S	otation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	ttom of k	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUR Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUR Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	ttom of k	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUR Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56	Ann Initial Open Shut- End S Open Shut- End S	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)	
	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71	Ann Initial Open Shut- End S Open Shut- End S Final	Notation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	
	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71	Ann Initial Open Shut- End S Final Shut- End S Final	otation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2) Hydro-static	
270	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226 228	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80 1435.87	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71 Ga	Ann Initial Open Shut- End S Final Shut- End S Final	es Pressure (psig)	Gas Rate (Mcf/d)
	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226 228 First Gas	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80 1435.87	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71	Ann Initial Open Shut- End S Open Shut- End S Final S s Rate	ess Pressure (psig) Pressure (psig) Pressure (psig) Pressure (psig) Pressure (psig) Pressure (psig) Pressure (psig) Pressure (psig)	411.04
270	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226 228	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80 1435.87 s Rate	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71 Ga Choke (i	Ann Initial Open Shut- End S Final Shut- End S Final	es Pressure (psig)	. ,
zo , , , , , , , , , , , , , , , , , , ,	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226 228 228 First Gas Last Gas	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80 1435.87 s Rate	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71 Ga Choke (i	Ann Initial Open Shut- End S Open Shut- End S Final s Rate	es Pressure (psig) Pressure (psig) 13.90	411.04 442.04
zo , , , , , , , , , , , , , , , , , , ,	2ND Shut In 90 I	Mintues/Blow back built to bo	1005 - 10	Time (Min.) 0 1 31 91 92 136 226 228 228 First Gas Last Gas	Pressure (psig) 1528.01 191.87 105.17 1007.56 97.49 103.84 1001.80 1435.87 s Rate	RESSUF Temp (deg F) 99.82 99.57 99.71 100.76 100.50 101.16 102.56 100.71 Ga Choke (i	Ann Initial Open Shut- End S Open Shut- End S Final s Rate	es Pressure (psig) Pressure (psig) 13.90	411.04 442.04

		RILL STEM TEST REI	PORT	FLUI		
		X Incorperated	35/16	S/11W/Barton		
TESTING , INC.		0 N Waterfront Parkw ay ding 300B hita, Kansas 67206 IN: Ken LaBlanc	Job Tic	Homolke #1-35 Job Ticket: 62050 DST#:1 Test Start: 2015.03.20 @ 22:59:00		
Mud and Cushion In	formation					
Mud Type:Gel ChemMud Weight:9.00Viscosity:47.00Water Loss:7.00Resistivity:2200.00	lb/gal sec/qt in ³ ohm.m	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	deg A Pl ppm	
Recovery Informatio	n					
		Recovery Table				
	Length ft	Description	Volu			
	90.0	0 Mud 100%		0.443		
Т	otal Length:	•).443 bbl			
R	ecovery Comments:					



DRILL STEM TEST REPORT

GAS RATES

CMX Incorperated

1700 N Waterfront Parkw ay Building 300B Wichita, Kansas 67206 ATTN: Ken LaBlanc

35/16S/11W/Barton

Homolke #1-35

Job Ticket:	62050	DST#:1
Test Start:	2015.03.20	@ 22:59:00

Gas Rates Information

Temperature:	59 (deg F)
Relative Density:	0.65
Z Factor:	0.8

RILOBITE TESTING , INC.

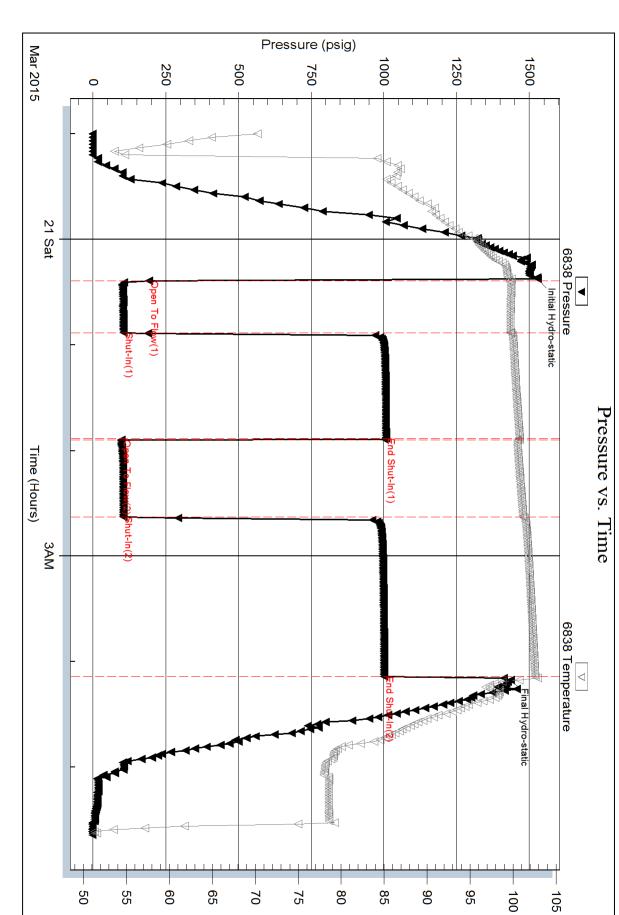
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.75	11.92	411.04
1	20	0.75	11.92	411.04
1	30	0.75	13.52	436.03
2	10	0.75	13.52	436.03
2	20	0.75	13.90	442.04
2	30	0.75	13.90	442.04
2	40	0.75	13.90	442.04

Printed: 2015.03.21 @ 06:20:00

Ref. No: 62050

Trilobite Testing, Inc



Temperature (deg F)

Serial #: 6838 Inside C

CMX Incorperated

Homolke #1-35

DST Test Number: 1

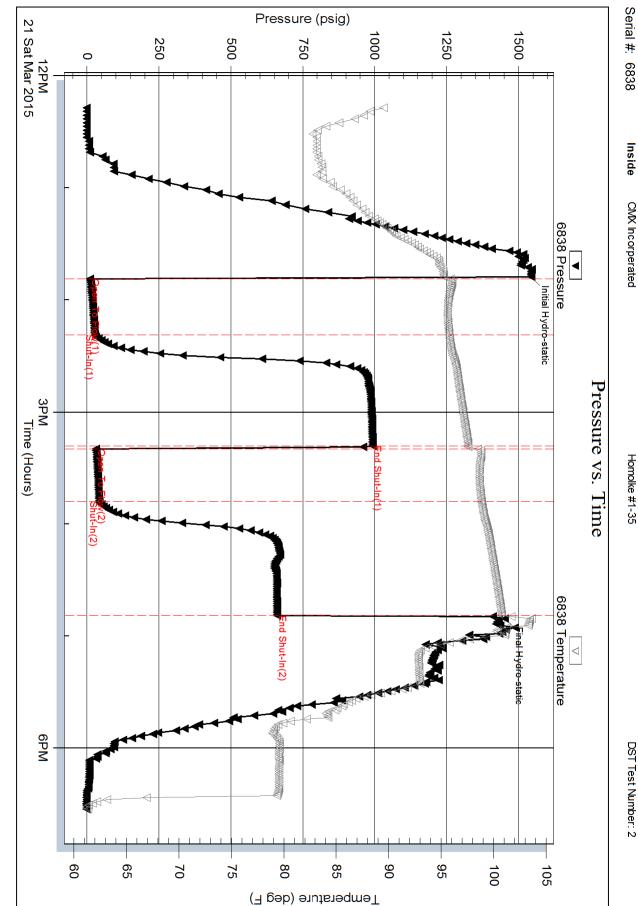
	RILOBITE	CMX Incorperated			35/	/16S/11V	V/Barto	n	
	ESTING , INC.	·							
	1 - • • • • • • • • • • • • •	1700 N Waterfront Parkwa Building 300B	ay			molke #		DST	4. 0
		Wichita, Kansas 67206 ATTN: Ken LaBlanc						_	
. Weath,		ATTN: Ken Labianc			Tes	t Start: 20	J15.03.21	@ 12:16:00	
GENERAL II	NFORMATION:								
Formation: Deviated: Time Tool Oper Time Test Ende		ty ft (KB)			Tes	ter: I	Conventic Ken Sw in 58 Great	-	Hole (Initial)
Interval: Total Depth: Hole Diameter:	3115.00 ft (KB) To 31 3130.00 ft (KB) (T\ 7.80 inchesHole				Ref	erence Ele KB t	evations: to GR/CF:	1919.0	00 ft (KB) 00 ft (CF) 00 ft
Coricl #	020 Incide								
Serial #: 68 Press@RunDe Start Date: Start Time:		 3126.00 ft (KB) End Date: End Time: 	2	2015.03.21 18:33:00	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000.0 2015.03.2 21 @ 13:47:3 21 @ 16:50:3	30
		Minutes/Weak blow /Blow bu Mintues/No blow back	uilt to 1 '	1/2 inches					
	2ND Shut In 60	Mintues/No blow back	uilt to 1 '	1/2 inches					
	•	Mintues/No blow back	uilt to 1 ′	1/2 inches	Pl Pressure	RESSUR Temp	RE SUM		
1700	2ND Shut In 60	Mintues/No blow back		Time (Min.)	Pressure (psig)	Temp (deg F)	Annota	ation	
1230	2ND Shut In 60	Mintues/No blow back	105	Time	Pressure	Temp	Annota Initial Hy		
1230	2ND Shut In 60	Mintues/No blow back	105	Time (Min.) 0 1 31	Pressure (psig) 1543.22 10.22 26.49	Temp (deg F) 95.21 95.90 95.75	Annota Initial Hy Open To Shut-In(ation /dro-static o Flow (1) (1)	
1000	2ND Shut In 60	Mintues/No blow back	- 105 - 100 - 100 - 56 - 50 - 50	Time (Min.) 0 1 31 91	Pressure (psig) 1543.22 10.22 26.49 992.62	Temp (deg F) 95.21 95.90 95.75 97.59	Annota Initial Hy Open To Shut-In(End Shu	ation /dro-static o Flow (1) (1) ut-In(1)	
1000	2ND Shut In 60	Mintues/No blow back	- 105 - 100 - 100 - 56 - 50 - 50	Time (Min.) 0 1 31	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2)	
1000	2ND Shut In 60	Mintues/No blow back	105 - 100 - 55 - 55 - 50 - 55 - 50 - 55 - 50 - 75 - 75	Time (Min.) 0 1 31 91 92	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91	Temp (deg F) 95.21 95.90 95.75 97.59 98.49	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2)	
729 709	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2)	
1220 1000 779 1000	2ND Shut In 60	Mintues/No blow back	105 100 100 100 100 100 100 100	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2)	
	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	
	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	Gas Rate (Mct/d)
1220 1000 700 500 200 200 4 Mar 2015	2ND Shut In 60 Pressure vs. T	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	Gas Rate (Mct/d)
rzzo 700 700 700 700 700 700 700 700 700 70	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	Gas Rate (Mcf/d)
1000 100 1000 1	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	Gas Rate (Mct/d)
1220 1000 720 500 220 0 100 100 100 100 100 100	2ND Shut In 60	Mintues/No blow back	1005 1000 1000 1000 1000 1000 1000 1000	Time (Min.) 0 1 31 91 92 121 182	Pressure (psig) 1543.22 10.22 26.49 992.62 30.91 41.77 660.15	Temp (deg F) 95.21 95.90 95.75 97.59 98.49 98.84 100.76 103.60	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu Final Hy	ation /dro-static o Flow (1) (1) ut-ln(1) o Flow (2) (2) ut-ln(2) /dro-static	Gas Rate (Mcf/d)

		RILL STEM TEST F	REPORT			FLUID S	JMMAR
		Incorperated		35/16S/11V	V/Barton		
(ES7	BITE CMX	N Waterfront Parkw ay		Homolke #	#1-35		
	Build	ing 300B		Job Ticket: 63		DST#:2	
		ita, Kansas 67206 √: Ken LaBlanc		Test Start: 20			
uh-40.					010.00.21 @	12.10.00	
Mud and Cushion Inf	ormation						
Mud Type: Gel Chem		Cushion Type:			Oil A PI:		deg API
	lb/gal sec/qt	Cushion Length: Cushion Volume:		ft bbl	Water Salinity	/:	ppm
Water Loss: 7.00	-	Gas Cushion Type:					
	ohm.m	Gas Cushion Pressure):	psig			
Salinity: 3800.00	ppm			1 0			
Filter Cake: 1.00	inches						
Recovery Information	n						
		Recovery Table					
	Length ft	Description		Volume bbl			
	75.00	Muddy Water		0.369			
	0.00	Mud 15% Water 85%		0.000	1		
Тс	otal Length:	75.00 ft Total Volume:	0.369 bbl				
Ni	um Fluid Samples: 0	Num Gas Bombs:	0	Serial #:			
Re	ecovery Comments:	Recovery resistivity .42 ohms @	72 deg.				

Printed: 2015.03.21 @ 23:00:05

Ref. No: 63026





Homolke #1-35

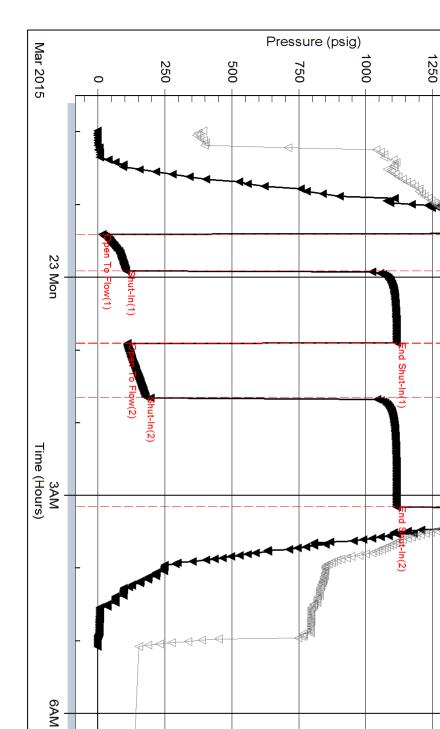
	RILOBITE	CMV Incorporated			05	400/441			
	ESTING , INC.	CMX Incorperated				16S/11V		ion	
		1700 N Waterfront Parkwa Building 300B	ay			molke #			
		Wichita, Kansas 67206			Job	Ticket: 63	3027	DST	#:3
		ATTN: Ken LaBlanc			Tes	t Start: 20	015.03.2	22 @ 21:58:0	0
GENERALI	NFORMATION:								
Formation: Deviated: Time Tool Ope Time Test End	Arbuckle No Whipstock: ned: 23:24:30 ed: 07:38:00	ft (KB)			Tes	ter: I	Ken Sw	tional Bottom inney at Bend/68	Hole (Initial)
Interval: Total Depth: Hole Diameter:	3352.00 ft (KB) To 33 3372.00 ft (KB) (T∖ 7.80 inchesHole	/D)			Ref	erence Ele KB t	evations	1919	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 6 Press@RunDe Start Date: Start Time:		 3368.00 ft (KB) End Date: End Time: 	:	2015.03.23 07:38:00	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000 2015.03 3.22 @ 23:23 3.23 @ 03:11	:30
IEST COM		Minutes/Fair blow/Blow built	t to bott	om of bucket	t in 19 minut	es			
TEST COM	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back			in 17 minute	es			
	1ST Shut In 60 2ND Open 45	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back		om of bucket	in 17 minute Pl	RESSUR		MMARY	
	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back			in 17 minute	es	Anno	otation	
	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0	in 17 minute Pl Pressure (psig) 1648.25	RESSUR Temp (deg F) 102.17	Anno Initial I	otation Hydro-static	
	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 1	in 17 minute Pl Pressure (psig) 1648.25 15.89	RESSUF Temp (deg F) 102.17 101.49	Anno Initial I Open	otation Hydro-static To Flow (1)	
1230 2239	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0	in 17 minute Pl Pressure (psig) 1648.25	RESSUR Temp (deg F) 102.17	Anno Initial I Open Shut-I	otation Hydro-static To Flow (1)	
1530	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0 1 31 91 91	in 17 minute Pressure (psig) 1648.25 15.89 104.96 1116.39 109.49	RESSUF Temp (deg F) 102.17 101.49 109.50 108.21 107.65	Anno Initial H Open Shut-I End S Open	otation Hydro-static To Flow (1) n(1) hut-In(1) To Flow (2)	
1550 7230	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0 1 31 91 91 136	in 17 minute Pl Pressure (psig) 1648.25 15.89 104.96 1116.39	RESSUR Temp (deg F) 102.17 101.49 109.50 108.21 107.65 111.31	Anno Initial I Open Shut-I End S Open Shut-I	otation Hydro-static To Flow (1) n(1) hut-In(1) To Flow (2) n(2)	
1530	1ST Shut In 60 2ND Open 45 2ND Shut In 90 N Pressure vs. T	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0 1 31 91 91	in 17 minute Pressure (psig) 1648.25 15.89 104.96 1116.39 109.49 177.94	RESSUF Temp (deg F) 102.17 101.49 109.50 108.21 107.65	Anno Initial I Open Shut-I End S Open Shut-I End S	otation Hydro-static To Flow (1) n(1) hut-In(1) To Flow (2)	
1250 1250 1000 700 700 900 100	1ST Shut In 60 2ND Open 45 2ND Shut In 90 M Pressure 058 Pressure 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Minutes/No blow back Minutes/Fair blow /Blow built /linutes/No blow back	to botto	Time (Min.) 0 1 31 91 91 136 226	in 17 minute Pressure (psig) 1648.25 15.89 104.96 1116.39 109.49 177.94 1116.31	RESSUF Temp (deg F) 102.17 101.49 109.50 108.21 107.65 111.31 110.95 110.47	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	otation Hydro-static To Flow (1) n(1) hut-In(1) To Flow (2) n(2) hut-In(2) Hydro-static	
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1500 729 730 730 740 740 750 750 750 750 750 750 750 75	1ST Shut In 60 2ND Open 45 2ND Shut In 90 M Pressure vs. T 000 Pressure 000 Pressur	Minutes/No blow back Minutes/Fair blow/Blow built Annutes/No blow back ime CESS Temperature Volume (bbl) 0.62 0.00 4.33	to botto	Time (Min.) 0 1 31 91 91 136 226	in 17 minute Pressure (psig) 1648.25 15.89 104.96 1116.39 109.49 177.94 1116.31	RESSUF Temp (deg F) 102.17 101.49 109.50 108.21 107.65 111.31 110.95 110.47	Anno Initial I Open Shut-I End S Final I Final I	otation -lydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) hut-ln(2) -lydro-static	Gas Rate (Mcf/d)

Image: Participation of the state of th			ILL STEM TEST REPOR			D SUMMAR
Building 300B Wichita, Kansas 67206 ATTN: Ken LaBlanc Job Ticket: 63027 DST#: 3 Hud and Cushion Information Test Start: 2015.03.22 @ 21:58:00 Hud Yppe: Gel Chem Cushion Type: Oil AP: deg API Lud Weight: 9.00 b/gal Cushion Length: ft Water Salinity: ppm Lide Veight: 9.00 b/gal Cushion Volume: bbl bbl bbl bbl Later Loss: 8.99 in ³ Gas Cushion Type: esize bbl gas Cushion Type: esize gas Cushion Type: esize esize gas Cushion Type: esize esize gas Cushion Type: esize esize esize esize gas Cushion Type: esize esi	TEST	ING INC				
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Ref. No: 63027



Inside CMX Incorperated 6838 Pressure Initial Hydro-static Pressure vs. Time Homolke #1-35 **A** Final Hydro-static ____ 6838 Temperature DST Test Number: 3 60 70 80 80 100 110 Temperature (deg F)

Trilobite Testing, Inc

1500

Serial #: 6838