Confidentiality Requested: Yes No

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

1175593

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTOR	Y - DESC	RIPTION OF	WELL 8	

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.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:		
	SWD SIOW	Elevation: Ground: Kelly Bushing:		
Gas D&A ENI		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 follow		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: Origi	inal 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		
	ا: ۱.	Dewatering method used:		
	k:	Location of fluid disposal if hauled offsite:		
	t:	Location of huid disposal if hadied offshe.		
	: :	Operator Name:		
	-	Lease Name: License #:		
Spud Date or Date Reached TD	Completion Date or	Quarter Sec Twp S. R East West		
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	1175593
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS: Chause important tang of formations paratrated	atail all aaraa Bapart all final	apping of drill stome tosts giving interval tested, 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 Sh	eets)	Yes No		0	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		ion, 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 / SQU	IEEZE RECORD			
Burpaga	Depth						

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

(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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				A		ement Squeeze Record d of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	in: Yes	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	ł.	Producing N	lethod:	ping	Gas Lift	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITI	ION OF C	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Solo	d 🗌 l	Used on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	ıbmit ACC)-18.)		Other <i>(Specify)</i>		(Submit /		(Submit ACO-4)		

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

Form	ACO1 - Well Completion
Operator	Mustang Energy Corporation
Well Name	M.R. Allen 14
Doc ID	1175593

Tops

Name	Тор	Datum
Anhydrite	1344	+703
B- Anhydrite	1379	+668
Topeka	3006	-958
Heebner	3229	-1182
LKC	3270	-1223
ВКС	3493	-1446
Simpson Shale	3547	-1500
Arbuckle	3570	-1523

QUALI	TY OILWEL	L CEMENTING, IN	C.
Phone 785-483-2025 Cell 785-324-1041	Home Office P.O. B	ox 32 Russell, KS 67665 No.	7610
Date 11-25-13 22	Twp. Range	County State On Location	Finish 7.20ph
MD ALL .		The her Elle	Kung
Lease In ALE	Well No. # 19	Owner J/g N E-m4c To Quality Oilwell Cementing, Inc. Inc. Inc. Inc.	pun Aad of self level ent flubure
Contractor WW	Rig 6	- You are hereby requested to rent cementing equipment	and furnish
Type Job Suktace	010	cementer and helper to assist owner or contractor to do Charge	WOIK as listed.
Hole Size 1214	T.D. 419	To Mustang E	ther gy
Csg. 828	Depth	Street /	BARCY 1A -
Tbg. Size	Depth	City State	THE OLD FOR
Tool	Depth	The above was done to satisfaction and supervision of owner	agent or contract
Cement Left in Csg. 2044	Shoe Joint 20 FF	Cement Amount Ordered 50 3%CC	H090
Meas Line	Displace 13. BBL	Republication of the second seco	DUIWOT -
EQUIP	PMENT	Common 150	sau ed YTLIAt
Pumptrk / No. Cementer Helper	net	Poz. Mix REMOTEUO vol blad bos of be	greats est tine. Y
Bulktrk No. Driver	ich	Gel. 3 Galacter tolona dol a 1 230 RAHO MORT	- PREPARA
Bulktrk DU No. Driver	us	Calcium 5	AHOARO
JOB SERVICES	S & REMARKS	Hulls	rent price boo
Remarks:	i not aldañ ed ton lierta YTLLACO	Salt Salt	BOIVHBD
Rat Hole	the merchandise. Customer ani	Flowseal	leas or dama
Mouse Hole	<u>, and togo the work sea</u>	Kol-Seal	A defend, and
Centralizers	th, brought by any person, inclus	Mud CLR 48	(A) Damaga
Baskets	Alexandra in and the end of the	CFL-117 or CD110 CAF 38	nor; and
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Cerup	AIN	Mileage FLOAT EQUIPMENT	no curier erd
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X Signature	in the state of the state of the state of	Total Charge	1 of the OUS I

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

and 'Clusteries' shall related the			I.D.# 20-2	annen an anne an a	e anno eacht ní 38	-
Phone 785-483-2025	Home Office P.	0. Bo	ox 32 Rus	ssell, KS 67665	No.	(655 me
Cell 785-324-1041		-		State	On Location	Finish
Sec. 11 70 17 22	Twp. Range	a superior and		155	Chi Eddalloni	12:00 AM
Date 11-30-13 22		POD GITA	TONY AVED O	er ne sertie dat and sert	DIFKA	1 5 . 7
THE REAL PROPERTY AND A 199 P.	111	Locatio	Carl Barthalin	ento + Lucke	ye 150, 272 M	FUE
Lease Mr Allen	Well No. 14		Owner To Quality Q	ilwell Cementing, Inc.	di movo con a como	partitient contrastes
Contractor WW #6	ale trachica land recente	teret of	Vou are here	by requested to rent c	ementing equipment	and furnish
Type Job long Strong		131473 1914 - 1915	Charge	d helper to assist own	er or contractor to de	WOIK as listed.
Hole Size 7	T.D. 3640		To M	1stang Energy	GULT BUT I DEDV SUT	E HER OB TOBAL OG
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Tbg. Size	Depth		City	they an in they	State	C C LE MAR MOLT
Tool	Depth	saing in		as done to satisfaction an		
Cement Left in Csg.	Shoe Joint 16.10	on ini	Cement Am	ount Ordered 350	* QMDC /4	Flow
Meas Line	Displace 86 66 mm	1. All of	1505×0	om 10% salt	5 To gilsonite	CRAINER PR
EQUIPM	MENT	in this	Common	ant attain to take 10		LALC STALL
Pumptrk 5 No. Cementer Helper Lon	nie W. Travis		Poz. Mix	and the	The long of the on the	Grain and it was the
Bulktrk 3 No. Driver	0.01		Gel.	besiden ander aller aller	CHARGE IN	AFIA 249
Bulktrk 12 No. Driver Driver Heat	n 1000	1914 M	Calcium	and the second particular	Jacob Jacob States	and the second second
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Remarks:	int stand water late wit	L. P. G	Salt	Children of States and States	the second s	and the set states
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Mouse Hole		100	Kol-Seal	and the state	· · · · · · · · · · · · · · · · · · ·	Comp Arrenar, Alice
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Baskets		Parael	CFL-117 or	CD110 CAF 38	ATT IN THE OWNER	and the statements
D/V or Port Collar		er - Sal	Sand	al anna ann anna ann	AND SHARE TOP IS AF	19 01 0 1 1 1 0 1 0
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the state of the s	for betrail of plan	tof	Mileage			and contractions
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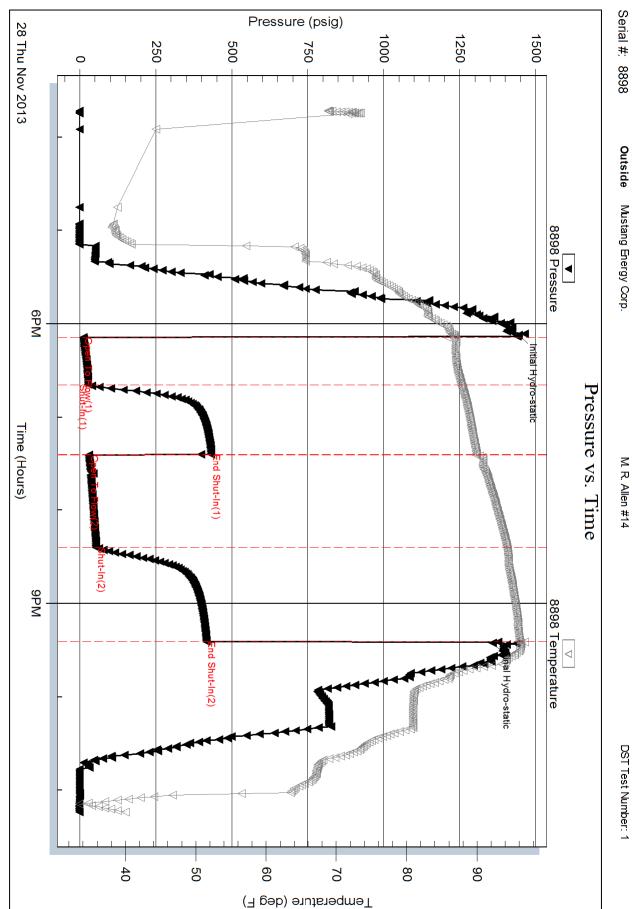
	DRILL STEM TEST REPORT							
RILOBITE	Mustang Energy Corp.		22-11s-19w Ellis, KS					
ESTING , INC.			M. R.	. Allen	#14			
	Hays, KS 67601	Job Ticket: 55428 DST#:1				1		
	ATTN: Herb Deines		Test S	Start: 201	13.11.28 @	15:43:01		
GENERAL INFORMATION:								
Formation:TopekaDeviated:NoWhipstock:Time Tool Opened:18:08:41Time Test Ended:23:14:40	Test Type: Conventional Bottom Hole (Initial) Tester: Brannan L Unit No: 49							
Interval:3020.00 ft (KB) To30Total Depth:3050.00 ft (KB) (The second secon			Refere	ence Elev KB to	vations:	2047.00 2042.00 5.00		
Serial #: 8898OutsidePress@RunDepth:53.01 psigStart Date:2013.11.28Start Time:15:43:02TEST COMMENT:30- IF- Slow ly but 45- ISI- No blow	End Date: End Time: uilt to 2"	2013.11.28 23:14:41	Capacity: Last Calib.: Time On Bti Time Off Bt	m: 2	013.11.28 013.11.28		3	
60- FF- Built ver 60- FSI- No blow Pressure vs. 7	-	Time		ESSURI Temp	E SUMM			
100 100 100 100 100 100 100 100	- 50 - 50 - 50 - 50 - 50 - 50 - 50 - 50	(Min.) 0 2 33 77		(deg F) 86.61 85.75 87.78 89.95 89.77 94.26 96.05	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2)		
Recovery Length (ft) Description Volume (bbl)			Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)					
100.00 MW, 60%W	0.49							

10h		DRI	LL STEM TEST RE	F	FLUID SUMMARY			
HILUBI	RILOBITE	Mustang Energy Corp.			22-11s-19v	v Ellis, KS		
	ESTING , INC.				M. R. Alle	n #14		
		Hays, KS 67601			Job Ticket: 5	5428	DST#:1	
		ATTN: Herb Deines		Test Start: 2013.11.28 @ 15:43:01				
Mud and Cu	Ishion Information							
	el Chem		Cushion Type:			Oil A PI:	deg API	
Mud Weight: Viscosity:	9.00 lb/gal 54.00 sec/qt		Cushion Length: Cushion Volume:		ft bbl	Water Salinity:	40000 ppm	
Water Loss:	8.79 in ³		Gas Cushion Type:		551			
Resistivity:	ohm.m		Gas Cushion Pressure:		psig			
Salinity: Filter Cake:	2000.00 ppm inches							
Recovery In	normation		Recovery Table					
	Lengt ft	th	Description		Volume bbl]		
		100.00	MW, 60%W		0.492	2		
	Total Length:	100	0.00 ft Total Volume: 0	0.492 bbl				
	Num Fluid Samp Laboratory Nam	ne:	Num Gas Bombs: 0 Laboratory Location:		Serial #	:		
	Recovery Com							

Printed: 2013.11.29 @ 06:22:01

Ref. No: 55428





M. R. Allen #14

DST Test Number: 1