Confidentiality Requested: Yes No

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

1133844

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:
☐ Oil	Elevation: Ground: Kelly Bushing:
□ Gas □ Daa □ EINIR □ SIGW □ 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? Ses No
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 #:	Leastion of fluid diamonal if housed officitor
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 TwpS. R East West
Recompletion Date Recompletion Date	Countv: 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	1133844
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 She	eets)	Yes No	L	og Formatic	on (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c			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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
Does the volume of the tota	I base fluid of the hyd	raulic fracturing treatment ex	ceed 350,000 gallons?	?Yes	No (If No, skip	question 3)	
Was the hydraulic fracturing	g treatment informatio	n submitted to the chemical c	lisclosure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)

Shots Per Foot				RD - Bridge Plugs S Each Interval Perfora)		Acid, Fracture, Shot, Ce (Amount and King	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:	:	Packer	At:	Liner F	Run:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	ł.	Producing Method] Pump	ing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mc	f	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI		245.		MET	שטח כ	F COMPLE			PRODUCTION INTE	R\/ΔL·
Vented Solo	_	Used on Lease			Perf.	Dually	Comp.	Commingled		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)			,	(Submit ACO-4)		

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

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	Feist 1
Doc ID	1133844

All Electric Logs Run

CNL/CDL
DIL
MEL
Sonic

QUALI	TY			L CEMENTING, IN	IC.
Phone 785-483-2025 Cell 785-324-1041	H			ox 32 Russell, KS 67665 No	. 6650
Date 4-9-13 31	Twp.	Range	Rei	County State On Location	4:30 AM
		10	Locati	on Benner KS -4N7 to CI	1/2 w NEt
Lease teist	F	Vell No. 1	T. Coodin	Owner	
Contractor Royal #2	E Foright		n tir n tir di <u>h</u> tir dire	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipme cementer and helper to assist owner or contractor to	nt and furnish
Type Job Surface	12 X2 11	11221	्या २०१ गडरवा २१	Charge D+ C	
Hole Size 12141"	T.D.	432		To RJM Company	1
	Depth	452	10-00	Street	the second s
Tbg. Size	Depth		-	City State	
Tool	Depth	1~1	A 753	The above was done to satisfaction and supervision of own	er agent or contractor.
Cement Left in Csg. 5	Shoe Jo		<u>.</u>	Cement Amount Ordered 215 5x Commo	<u>a 37 CC 17</u> G
Meas Line	Displace	0 26 14	Bes		Constant Street
and the second	MENT			Common	ne inn State Thailte he se
Pumptrk S Helper	Jick	2.72		Poz. Mix	 Late set 1 - V - ²
Bulktrk Driver Driver	nie (J	<u></u>	Gel.	
Bulktrk D.U. No. Driver R:C	X	5 N. H. 198 -	2.2.1	Calcium	- <u>1</u>
JOB SERVICES	S & REMAI	RKS	14-3-12 17-12-12-12	Hulls	<u> </u>
Remarks ement. did	and the	Circula	te	Salt	
Rat Hole	a n depare	a i serrapor p	<u>3</u>	Flöwseal	100 L
Mouse Hole				Kol-Seal	a de a la lan
Centralizers	${\rm fr}(E_{\rm g}=1)$	· 8 · · · ·	1 d 3.	Mud CLR 48	
Baskets	i jan - Lina Sensia		2 	CFL-117 or CD110 CAF 38	21 - 37 an an a'
D/V or Port Collar	agir logi	e 1615) - 3	nga ing	Sand	
a drink with the sub-the	1000 Say			Handling	
Strates and strategy	8 9 9 1	n de Alexan	< 1944	Mileage	
e spine trakposer tra			12.57	FLOAT EQUIPMENT	Pia a val
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	5			Centralizer	Call Sec.
an estat a different estat	2" entres	1. N. M.	14/200 1.4	Baskets	1995 Stat 1986 C
Real of the state of the second	14.61%	x :2		AFU Inserts	N for the state
		a an		Float Shoe	8. ¹⁴ 17 1
The definition of the second	inder in	11 . Mg	Sex. A	Latch Down	a See a Servi
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\sim	<u>- 18 - 18</u> 19 1 - 5 4 4	and the sectors.	- 461 - 9	Discour	it
X Signature	1411	8. <u>2</u> .8	210 July 14	Total Charg	
Signature			-		

站

1. 小学校的 一個 人名英格兰姓氏 医原原的 的第三人称单数

Cell 785-324-1041	Twp. Range	O. Box 32 Russell, KS 67665 No.	2: Finish 2: OD PW
Date 9 11-13 3	15 12	hussell hs	1
r.l.l	a en <u>Anser al al a</u>	Locationul BROWSES, KS -4ND to C.L., I	Va W, NB
Lease Peist	Well No.	Owner	
Contractor Koyal Hol	an an an an an an a	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipmen cementer and helper to assist owner or contractor to d	t and furnish
Type Job Production		and the second se	o work as listed.
Hole Size 978	T.D. 3425	To RIM Company	
csg. 55	Depth 3428'	Street	
Tbg. Size	Depth	City .State	
Tool	Depth	The above was done to satisfaction and supervision of owner	agent or contractor.
Cement Left in Csg. []	Shoe Joint 42	Cement Amount Ordered 80 Sx Common 10	%Salt 5% 61.
Meas Line	Displace 80 1/2 R	SLS 500 gat mud Clear 48	Charles .
3x 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PMENT	Common	
Pumptrk 15 No. Cementer N Helper	lick	Poz. Mix	na start i
Bulktrk 8 No. Driver Da	312	Gel.	a di genera
Bulktrk D.U. No. Driver R.C.	K and the second second	Calcium	
JOB SERVICE	S & REMARKS	Hulls	14 1-24-344 (\$ 24-3)
Remarks:	A. A.A. A. A. A.	Salt	and a strength of the strength
Rat Hole 30 5X	en over An en odd - Ng i	Flowseal	$A_{i} \in \mathbb{R}, A_{i} \in \mathbb{R}$
Mouse Hole 15 5%		Kol-Seal	a stranda an
Centralizers) - 9	His spillend of still	Mud CLR 48	arg at
Baskets	and as a shall as the	CFL-117 or CD110 CAF 38	1 14 - 5, 14. N - 154 - 5
D/V or Port Collan, OP	bottom, break	Sand	
inculation; pump	Seo gal Mud Clea	ျဖို့ Handling	
the Rollale 11/30	5x , Augmarel		
WISSY Hall	1 /1. Ju]	FLOAT EQUIPMENT	a al e contra
355 Command Th		ou mp Guide Shoe	
lines - Released alus	+ Displaced	Centralizer 9	$3-2=p_{e_0}\in P_{e_0,e_0}\mathbb{R}$
with 80% Bis of	Water	Baskets,	
Roles of + hold		AFU Inserts	1 - 1 - A 1
Alle Alle	کی ہو است کے خطرت کے کا کہا ایر بار کے بارک کی بارے کا	Float Shoe	
Lift pressure 10	DD #	Latch Down	$(\hat{\gamma}_{1}\mu_{1})^{\hat{\alpha}_{1}}(\hat{\gamma}_{2})^{\hat{\alpha}_{1}}(\hat{\gamma}_{2})^{\hat{\alpha}_{1}})^{\hat{\alpha}_{1}}(\hat{\gamma}_{2})^{\hat{\alpha}_{2}}$
	500 \$	1 - Rubber Olver	and dealed and that
and plug to re	A	Rotating head Assu	a supra
AA	and the second fill	Pumptrk Charge	
//h		Mileage	
	1	Tax	
DAN N/		Discount	1 1 2 10 1 10 10 10 10 10 10 10 10 10 10 10 1



DRILL STEM TEST REPORT

Prepared For: RJM Company

PO Box 256 Claflin, Kansas 67525+0256

ATTN: Kurt Talbot

Feist #1

31/15S/12W/Russell

 Start Date:
 2013.04.12 @ 12:42:00

 End Date:
 2013.04.12 @ 18:42:00

 Job Ticket #:
 17481
 DST #: 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

REAL	DRILLS	STEMTE	ST REP	ORT				
ENTERPRISES LLC	RJM Company	1		31/1	15S/12W	//Rus	sell	
	PO Box 256			Fei	st #1			
	Claflin, Kansa	s 67525+0256		Job	Ticket: 17	481	DST	#: 1
	ATTN: Kurt Talbot				Start: 20	13.04.	12 @ 12:42:00)
GENERAL INFORMATION:								
Formation: Lansing/Kansas Cir Deviated: No Whipstock: Time Tool Opened: 14:07:00 Time Test Ended: 18:42:00	ty ft (ł	≺ B)		Test Test Unit	er: k	(en Sv	ntional Bottom I / inney ireat Bend/70	Hole (Initial)
Interval:3075.00 ft (KB) To31Total Depth:3170.00 ft (KB) (TVHole Diameter:7.80 inches Hole		-		Refe	erence Ele KB to	vation	1882.0	00 ft (KB) 00 ft (CF) 00 ft
2ND Open	End Date End Time Strong blow / Ble Blow back built to Strong blow /Blo	e: e: ow built to bottom	of bucket in 1 r		o.: Btm: 2 Btm: 2	013.0	2013.04. 4.12 @ 14:04:(4.12 @ 17:08:	00 30
Pressure vs. 1	lime			DE			IMMARY	
599 Presue 500 500 500 500 500 500 500 50			Time (Min.) 0 3 31 77 79 122 182 185	Pressure (psia) 1536.18 92.66 165.90 748.31 172.70 256.78 731.18 1504.15	Temp (deg F) 98.32 96.96 97.17 99.04 98.96 100.78	Ann Initial Open Shut- End S Open Shut- End S	otation Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2)	
Recovery					Gas	Rat	es	
		Volume (bbl)			Choke (ir		Pressure (psia)	Gas Rate (Mcf/d)
Length (ft) Description		2.10	First Ga	s Rate		.13	5.65	2.11
150.00 Muddy Gassy Oil		0.00	Last Ca	s Rate		13 1	3 15	1 18
150.00 Muddy Gassy Oil 0.00 Mud 20% Gas 40% Oil 4	0%	0.00	Last Gas Max. Ga			.13 .13	3.15 5.65	1.18 2.11
150.00 Muddy Gassy Oil 0.00 Mud 20% Gas 40% Oil 4	0% fied Oil	3.37					3.15 5.65	1.18 2.11
150.00Muddy Gassy Oil0.00Mud 20% Gas 40% Oil 4240.00Water cut Gassy Emulsif	0% fied Oil nulsified Oil 60%	3.37						

	IPER/	DRILL STEM	TES	T REP	ORT				
EN"	TERPRISES LLC	RJM Company			31/	/15S/12W	//Rus	sell	
		PO Box 256			Fe	ist #1			
		Claflin, Kansas 67525+02	256		Job	Ticket: 17	481	DST	#:1
ATTN: Kurt Talbot				Test Start: 2013.04.12 @ 12:42:			2 @ 12:42:0	0	
GENERALI	INFORMATION:								
-	Lansing/Kansas Cit No Whipstock: ened: 14:07:00 led: 18:42:00	у ft (КВ)			Tes	ster: ł	Ken Sw	tional Bottom inney eat Bend/70	Hole (Initial)
I nterval: Total Depth: Hole Diameter:	3075.00 ft (KB) To 31 3170.00 ft (KB) (TV 7.80 inchesHole	(D)			Ref	erence Ele KB t	vations o GR/C	1882	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 6	838 Outside								
Press@RunDe					Capacity				.00 psia
Start Date: Start Time:	2013.04.12 12:42:00	End Date: End Time:	2	2013.04.12 18:41:30	Last Cali Time On Time Off	Btm: 2		2013.04 12 @ 14:03. 12 @ 17:08.	:30
	2ND Open S 2ND Shut In B	Blow back built to bottom of		n 5 minutes					
						RESSUR			
1:50 	2ND Shut In B	ime	bucket ii	Time (Min.) 0 3 32	Pressure (psia) 1536.86 93.36 168.48	Temp (deg F) 97.83 97.53 97.24	Anno Initial H Open Shut-I	hydro-static To Flow (1) n(1)	
-	2ND Shut In B	ime	bucket ii	Time (Min.) 0 3 32 77	Pressure (psia) 1536.86 93.36 168.48 748.64	Temp (deg F) 97.83 97.53 97.24 98.38	Anno Initial H Open Shut-II End Si	Hydro-static To Flow (1) n(1) nut-In(1)	
1220	2ND Shut In B	ime	bucket ii	Time (Min.) 0 3 32	Pressure (psia) 1536.86 93.36 168.48	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64	Anno Initial I Open Shut-I End S Open Shut-I	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2)	
1000	2ND Shut In B	ime	bucket ii	Time (Min.) 0 3 32 77 78	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97	Temp (deg F) 97.83 97.53 97.24 98.38 98.32	Anno Initial H Open Shut-II End Si Open Shut-II End Si	Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2)	
	2ND Shut In E	ime	bucket ii	Time (Min.) 0 3 32 77 78 124 182	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58	Anno Initial H Open Shut-II End Si Open Shut-II End Si	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2)	
1279	2ND Shut In B	IDC CSS Temporate	bucket ii	Time (Min.) 0 3 32 77 78 124 182	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28	Anno Initial H Open Shut-II End Si Open Shut-II End Si	hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) hydro-static	
	2ND Shut h	IDC CSS Temporate	bucket ii	Time (Min.) 0 3 32 77 78 124 182	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28	Anno Initial I Open Shut-II End SI Final I Final I	hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) hydro-static	Gas Rate (Mct/d)
220 500 500 600 700 500 600 700 700 700 700 700 700 7	2ND Shut In E	IIIC CS3 Temponace	bucket ii	Time (Min.) 0 3 32 77 78 124 182	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50 1504.37	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28 Ga: Choke (i	Anno Initial I Open Shut-II End SI Final I Final I	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static	Gas Rate (Mct/d) 2.11
220 770 770 770 770 770 770 770	2ND Shut In E	IIIC IIIIIC IIII	bucket ii	Time (Min.) 0 3 32 77 78 124 182 185	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50 1504.37	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28 Ga: Choke (i	Anno Initial I Open Shut-II End Si Open Shut-II End Si Final I Final I	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static Pressure (psia)	
220 720 500 500 500 500 500 500 500 5	2ND Shut In E	IBC 053 Temponase 053 Temponase 055 Temponase 0	bucket ii	Time (Min.) 0 3 32 77 78 124 182 185	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50 1504.37	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28 Choke (i Choke (i	Anno Initial H Open Shut-II End S Final H Final H	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static es Pressure (psia) 5.65	2.11
229 700 700 700 700 700 700 700 70	2ND Shut In E	IDC ICS Temperature ICS Temperature I	bucket ii	Time (Min.) 0 3 22 77 78 124 182 185 185	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50 1504.37	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28 Choke (i Choke (i	Anno Initial I Open Shut-II End Si Open Shut-II End Si Final I Final I Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static es Pressure (psia) 5.65 3.15	2.11 1.18
 1000 720 920 220 6 747 757 767 768 	2ND Shut In E	IDC ICS Temperature ICS Temperature I	bucket ii	Time (Min.) 0 3 22 77 78 124 182 185 185	Pressure (psia) 1536.86 93.36 168.48 748.64 173.97 259.96 731.50 1504.37	Temp (deg F) 97.83 97.53 97.24 98.38 98.32 99.64 101.58 102.28 Choke (i Choke (i	Anno Initial I Open Shut-II End Si Open Shut-II End Si Final I Final I Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static es Pressure (psia) 5.65 3.15	2.11 1.18

	ERIO		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRAM
			RJM Co	ompany				
	CTCN/		PO Box				Feist #1	
			Claflin,	Kansas 6752	5+0256		Job Ticket: 17481	DST#:1
			ATTN:	Kurt Talbot			Test Start: 2013.04.12 @	2 12:42:00
Tool Informatio	 on		ļ					
Drill Pipe:	Length:	3070.00 ft	Diameter:	3.80 in	ches Volume:	43.06 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bbl	Weight to Pull Loose:	50000.00 lb
	KD.	15.00 ft			Total Volume:	43.06 bbl	Tool Chased	0.00 ft
Drill Pipe Above k Depth to Top Pac		3075.00 ft					String Weight: Initial	29000.00 lb
Depth to Bottom F		5075.00 ft					Final	31000.00 lb
Interval between		95.14 ft						
Tool Length:	r donoro.	115.14 ft						
Number of Packe	ers:	2	Diameter:	6.75 in	ches			
Tool Comments:								
	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Tool Description						Deptil (It)	Accum. Ecngins	
-			5.00			3060.00		
Shut In Tool			5.00 5.00			• • • •		
Shut In Tool Hydrolic Tool						3060.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer			5.00			3060.00 3065.00		Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer			5.00 5.00			3060.00 3065.00 3070.00		Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations	Ь		5.00 5.00 5.00			3060.00 3065.00 3070.00 3075.00		Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations Change Over Sub	b		5.00 5.00 5.00 6.00			3060.00 3065.00 3070.00 3075.00 3081.00		Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations Change Over Sul Drill Pipe			5.00 5.00 5.00 6.00 0.75			3060.00 3065.00 3070.00 3075.00 3081.00 3081.75		Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations Change Over Sut Drill Pipe Change Over Sut			5.00 5.00 6.00 0.75 62.64			3060.00 3065.00 3070.00 3075.00 3081.00 3081.75 3144.39		Bottom Of Top Packer
Hydrolic Tool Packer Packer			5.00 5.00 6.00 0.75 62.64 0.75	6749	Inside	3060.00 3065.00 3070.00 3075.00 3081.00 3081.75 3144.39 3145.14		Bottom Of Top Packer

3170.14

95.14

Total Tool Length: 115.14

3.00

Bullnose

Bottom Packers & Anchor

		LL STEM TEST REPOR			D SUMMAR
ENTERPRISES LLC	RJMC	ompany	31/155/12	W/Russell	
	PO Bo	x 256	Feist #1		
	Claflin,	Kansas 67525+0256	Job Ticket:	17481 DST	#:1
		Kurt Talbot		2013.04.12 @ 12:42:0	
				2013.04.12 @ 12.42.0	0
Iud and Cushion Info	rmation				
lud Type: Gel Chem		Cushion Type:		Oil A PI:	deg API
lud Weight: 9.00 lb	/gal	Cushion Length:	ft	Water Salinity:	ppm
iscosity: 56.00 s	ec/qt	Cushion Volume:	bbl		
/ater Loss: 8.00 in	-	Gas Cushion Type:			
	hm.m	Gas Cushion Pressure:	psia		
alinity: 8000.00 p			pola		
ilter Cake: 1.00 in					
ecovery Information					
		Recovery Table			
	Length	Description	Volume	7	
	ft		bbl		
	150.00	Muddy Gassy Oil	2.10	4	
	0.00	Mud 20% Gas 40% Oil 40%	0.00	-	
	240.00	Water cut Gassy Emulsified Oil	3.36		
	0.00	Water 15% Gas 25% Emulsified Oil 60%	0.00	-	
	60.00	Oil cut Muddy Water	0.842		
	0.00	Oil 5% Mud 15% Water 80%	0.00		
	60.00	Oily Mud	0.84		
	0.00	Oil 30% Mud 70%	0.00		
	0.00	Recov. Chlorides 48,000 ppm	0.00	-	
Tota		0.00 ft Total Volume: 7.155 bb	•	-	
	0	Num Gas Bombs: 0	Serial #		
	n Fluid Samples: 0		Senar #	·.	
	oratory Name:	Laboratory Location:			
Rec	overy Comments:				

DRILL STEM TEST REPORT

RJM Company

ATTN: Kurt Talbot

PO Box 256 Claflin, Kansas 67525+0256

31/15S/12W/Russell

Feist #1

 Job Ticket:
 17481
 DST#:1

 Test Start:
 2013.04.12 @ 12:42:00

Gas Rates Information

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

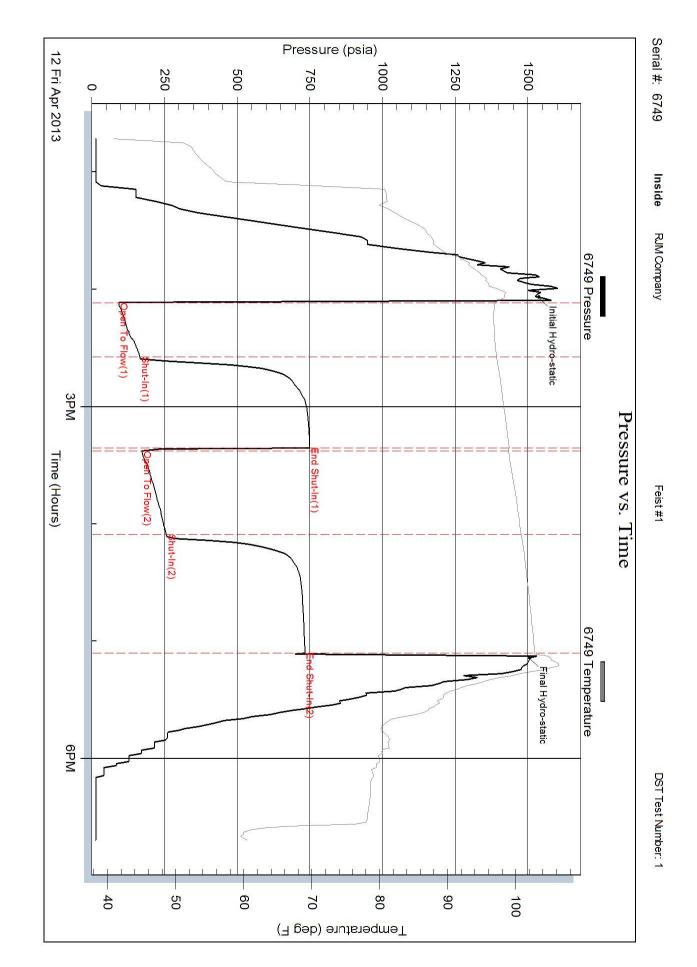
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	10	0.13	5.65	2.11
2	20	0.13	4.90	1.83
2	30	0.13	4.02	1.50
2	40	0.13	3.15	1.18
2	40	0.13	3.15	1.18

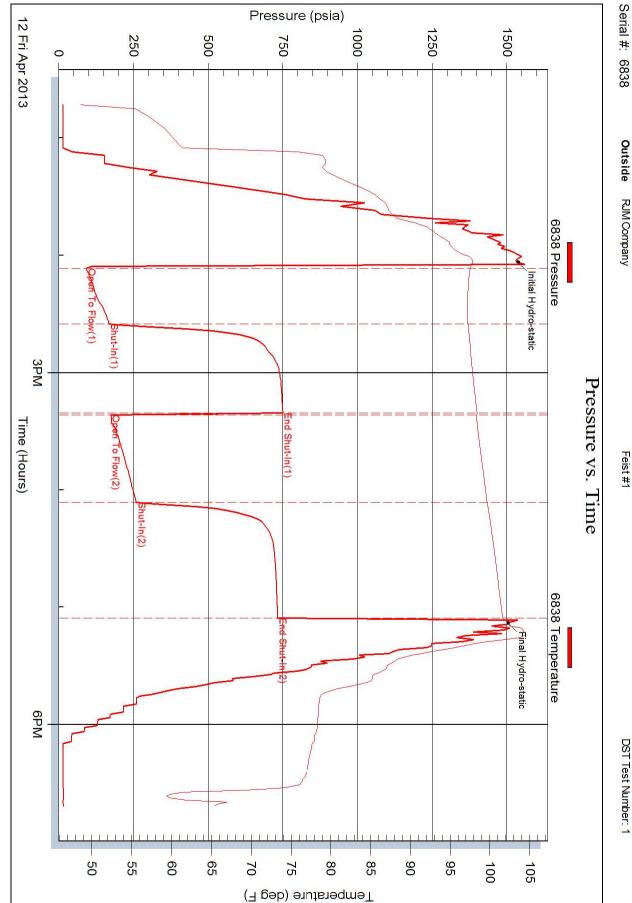
GAS RATES













DRILL STEM TEST REPORT

Prepared For: RJM Company

PO Box 256 Claflin, Kansas 67525+0256

ATTN: Kurt Talbot

Feist #1

31/15S/12W/Russell

 Start Date:
 2013.04.13 @ 05:23:00

 End Date:
 2013.04.13 @ 09:38:30

 Job Ticket #:
 17482
 DST #: 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902 Feist #1

SPERIO	DRILL STEM TES	TREP	ORT				
ENTERPRISES LLC	RJM Company		31/	15S/12W	V/Russ	sell	
	PO Box 256 Claflin, Kansas 67525+0256			st #1 Ticket: 17	482	DST	#·2
	ATTN: Kurt Talbot				-	3 @ 05:23:00	
GENERAL INFORMATION:							
Formation:Lansing/Kansas CDeviated:NoWhipstock:Time Tool Opened:06:36:30Time Test Ended:09:38:30	ft (KB)		Tes Tes Unit	ter: ł	Ken Sw	tional Bottom inney eat Bend/70	Hole (Initial)
Total Depth: 3300.00 ft (KB) (T	300.00 ft (KB) (TVD) VD) e Condition: Fair		Ref	erence Ele KB t	evations o GR/CF	1882.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 6749InsidePress@RunDepth:79.36 psiaStart Date:2013.04.13Start Time:05:23:00TEST COMMENT:1ST Open 1ST Shut In 2ND Open	End Date: End Time: 30 Minutes/Weak blow /Blow built t 30 Minutes/No blow back 30 Minutes/Weak surface blow /Blo		Capacity Last Calil Time On Time Off minutes	o.: Btm: 2		5000. 2013.04. .13 @ 06:35: .13 @ 08:37:	30
2ND Shut In Pressure vs.	30 Minutes/No blow back		PI	RESSUR	RE SUI	MMARY	
175 175 175 175 175 175 175 175	(249 Temporalue 049 Temporalue 054 Temporalue 054 Temporalue 054 Temporalue 054 Temporalue 054 Temporalue 054 Temporalue 055 Temporalue 056 Temporalue 057 Temporalue 057 Temporalue 058 Temporalue 059 Temporalue 059 Temporalue 059 Temporalue 059 Temporalue 059 Temporalue 059 Temporalue 059 Temporalue 050 Temporalu	Time (Min.) 0 1 30 60 61 91 122 122	Pressure (psia) 1670.16 72.20 76.19 616.26 76.67 79.36 345.65 1652.66	Temp (deg F) 99.39 98.85 98.72 100.44	Anno Initial H Open Shut-Ir End Sh Open Shut-Ir End Sh	tation tydro-static To Flow (1) n(1) nut-In(1) To Flow (2)	
Recovery		Gas Rates					
Length (ft) Description Length (ft) Description 15.00 Mud 100%	Volume (bbl) 0.21			Choke (i	nches) F	Pressure (psia)	Gas Rate (Mcf/d)
				Printed:			

SPERIO	DRILL STEM TES	T REP	ORT				
	RJM Company		31/1	15S/12W	//Russe	11	
COTEN-	PO Box 256 Claflin, Kansas 67525+0256			st #1 Ticket: 17	100	DST#	4.0
	ATTN: Kurt Talbot		Test Start: 2013.04.13 @ 05:23:00				
GENERAL INFORMATION:							
Formation:Lansing/KansDeviated:NoWhipstTime Tool Opened:06:36:30Time Test Ended:09:38:30			Test Test Unit	er: k	Ken Sw in	nal Bottom H ney at Bend/70	Hole (Initial)
Interval:3206.00 ft (KB) ToTotal Depth:3300.00 ft (KHole Diameter:7.80 inch			Refe	erence Ele KB to	vations: o GR/CF:	1882.0	00 ft (KB) 00 ft (CF) 00 ft
Start Date: 2013.0 Start Time: 05:2 TEST COMMENT: 1ST Open 1ST Shut I 2ND Open	psia @ 3297.14 ft (KB) 4.13 End Date: 3:00 End Time: 30 Minutes/Weak blow /Blow built f n 30 Minutes/No blow back 30 Minutes/Weak surface blow /Blo		Capacity: Last Calib Time On E Time Off I minutes	o.: Btm: 2		5000.0 2013.04.1 3 @ 06:35:0 3 @ 08:38:0	00
2ND Shut	n 30 Minutes/No blow back		PR	ESSUR	F SUM	MARY	
170 170 170 170 170 170 170 170	033 Temperature 053 Temperature 053 Temperature 053 Temperature 053 Temperature 053 Temperature 053 Temperature 055 Te	122	Pressure (psia) 1670.62 72.63 76.42 618.89 77.14 79.90 347.42 1634.63	Temp (deg F) 96.73 96.28 96.86 98.48 98.45	Annota Initial Hy Open To Shut-In(End Shu Open To Shut-In(End Shu	ation dro-static Flow (1) 1) t-ln(1) Flow (2) 2)	
Reco	very	Gas Rates					
Length (ft) Descrip 15.00 Mud 100%	ion Volume (bbl) 0.21			Choke (ir	nches) Pre	ssure (psia)	Gas Rate (Mcf/d)
	LC Ref No: 17482					13 @ 09.47.	

	RERIO		DRI	LL STE	MTEST	REPOF	RT	TOOL DIAGRA
	RPRISES LLC	;	RJM Co	ompany			31/15S/12W/Russell	
	OTCO/		PO Box				Feist #1	
			Claflin,	Kansas 6752	5+0256		Job Ticket: 17482	DST#:2
			ATTN:	Kurt Talbot			Test Start: 2013.04.13 @	2 05:23:00
Tool Informatio	on		ļ					
Drill Pipe:	Length:	3196.00 ft	Diameter:	3.80 ind	ches Volume:	44.83 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 ind	ches Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inc	ches Volume:	0.00 bbl	Weight to Pull Loose:	40000.00 lb
Drill Pipe Above ł	VD.	10.00 ft			Total Volume:	44.83 bbl		0.00 ft
Depth to Top Pac		3206.00 ft					String Weight: Initial	30000.00 lb
Depth to Bottom		5200.00 ft					Final	30000.00 lb
Interval between		94.14 ft						
Tool Length:		114.14 ft						
Number of Packe	ers:	2	Diameter:	6.75 ind	ches			
Tool Comments:								
	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Tool Description			• • •					
•			5.00			3191.00		
Shut In Tool			5.00 5.00			,		
Shut In Tool						3191.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer			5.00			3191.00 3196.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer			5.00 5.00			3191.00 3196.00 3201.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations			5.00 5.00 5.00			3191.00 3196.00 3201.00 3206.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations Change Over Su			5.00 5.00 5.00 5.00			3191.00 3196.00 3201.00 3206.00 3211.00	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Perforations Change Over Su Drill Pipe	ıb		5.00 5.00 5.00 5.00 0.75			3191.00 3196.00 3201.00 3206.00 3211.00 3211.75	20.00	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer	ıb		5.00 5.00 5.00 5.00 0.75 62.64			3191.00 3196.00 3201.00 3206.00 3211.00 3211.75 3274.39	20.00	Bottom Of Top Packer

3297.14

3300.14

94.14

Bottom Packers & Anchor

Outside

Total Tool Length: 114.14

1.00

3.00

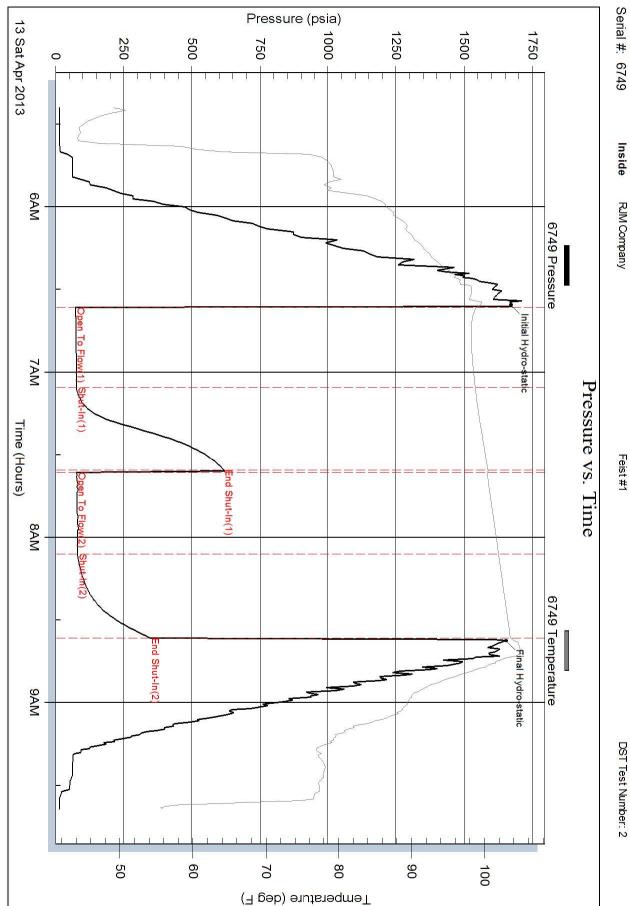
Recorder

Bullnose

6838

		DRI	LL STEM TEST REPOR	T	FLUI	D SUMMAR
		RJM Co	ompany	31/15S/12	W/Russell	
		PO Box Claflin,	256 Kansas 67525+0256	Feist #1 Job Ticket: 17482 DST#:2		
		ATTN:	Kurt Talbot	Test Start: 2	2013.04.13 @ 05:23:0	0
Mud and Cushion Inf	ormation					
Salinity: 8000.00 j	sec/qt n ³ ohm.m		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psia	Oil API: Water Salinity:	deg API ppm
Recovery Information	ו		Recovery Table			
	Length	<u></u>	Description	Volume	7	
	ft		-	bbl		
	Length:	15.00	Mud 100% .00 ft Total Volume: 0.210 bbl	0.21	0	

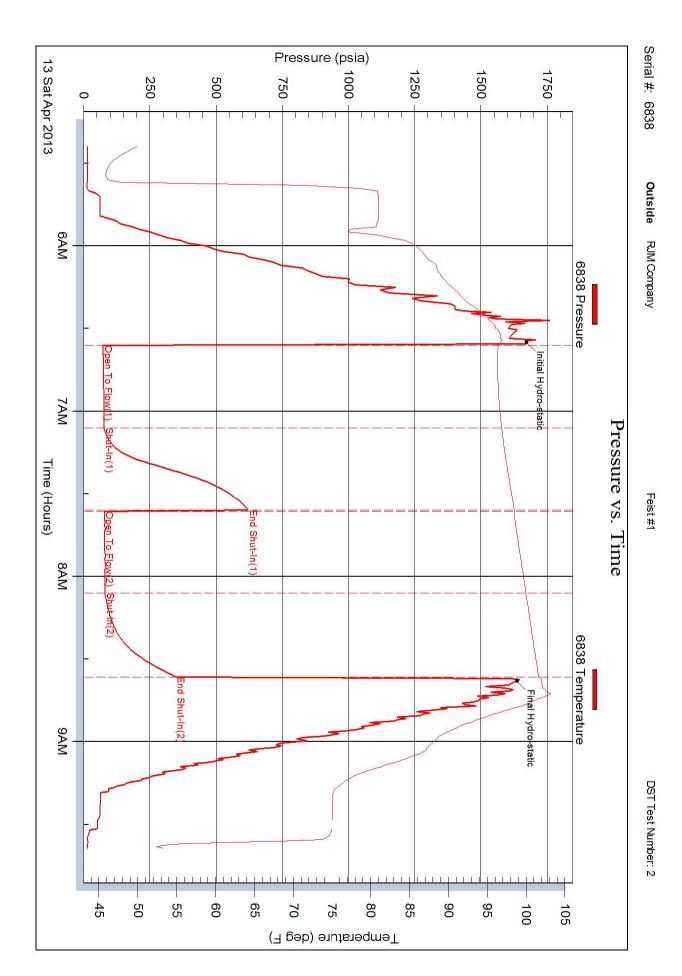




Feist #1

DST Test Number: 2





Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

June 06, 2013

Chris Hoffman RJM Company PO BOX 256 CLAFLIN, KS 67525-0256

Re: ACO1 API 15-167-23871-00-00 Feist 1 SE/4 Sec.31-15S-12W Russell County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Chris Hoffman