

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1102838

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:	S. R East West
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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	W Multiple Stage Cementing Collar Used? Yes No np. Abd. If yes, show depth set: Feet If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Co Conv. to GSW	Chloride content: ppm Fluid volume: bbls nv. to SWD Dewatering method used:
Plug Back: Plug Back Total Dep	
Commingled Permit #: Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec Two S R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date Recompletion Date Recompletion Recompletion	

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

	Side Two	1102838
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		-	on (Top), Depth an		Sample
Samples Sent to Geolog	ical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	YesNoYesNoYesNo					
List All E. Logs Run:							
		CASING	G RECORD	ew Used			
		Report all strings set	-conductor, surface, inte	ermediate, product	tion, 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 / 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 For		RD - Bridge P Each Interval I		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

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

LITY OILWELL CEMENTING, INC. Federal Tex I.D.# 20-2886107 ent of histor accile methods and

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 6178 Cell 785-324-1041

ANT A ALL ALL ALL ALL ALL ALL ALL ALL ALL	
Date 11-3-12 Sec. Twp. Range R	$\begin{array}{c c} \text{County} & \text{State} & \text{On Location} & \text{Finish} \\ \hline \text{USSEII} & \text{KS} & 3; \text{OD} \end{array} $
	cation REASSELL, KS - Sto Wintersel Roll
Lease Well No. /C	Owner to 187th, 1314 N. Elterto
Contractor Rocial#2	To Quality Oilwell Cementing, Inc.
Type Job Sci (+a)	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed
Hole Size 124/11 T.D. 4181	Charge Wald Clock
Csg. Depth 418	Street
Tbg. Size Depth	City
Tool Depth	The above was done to satisfaction and supervision of owner agent or contrac
Cement Left in Csg. 20 Shoe Joint 20	Coment Amount Ordered 225 5x Common 3%
Meas Line Displace 254BC	5 2% Gate and a second s
EQUIPMENT	Common
Pumptrk No. Cementer Helper	Poz. Mix
Bulktrk D No. Driver Dourg	Gel
Bullian O.U. Driver A.	Calcium
JOB SERVICES & REMARKS	Hulls
Remarks onent did Circula	fe Salt
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
	Handling
	Mileage
n A series and the series of t	
	Guilde Shoe
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	Pumptrk Charge
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an a	Discount
Signature DUM Duties	Total Charge

A STATE WAY

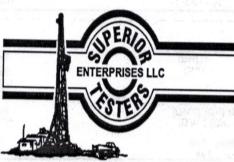
QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 No. -11. tan . . .

FIIUIIC / 00-403-2020	nome Unice P.U. Box 32	Hussell, KS 67665
Celi 785-324-1041		

	Sec.	Twp.	Range	'C	County	State	On Location	Finish	$\overline{\wedge}$
Date 11-8-2		15	13	R	ISSELL	KANSAS		7:00	Em.
		· · · ·	· · · · · · · · · · · · · · · · · · ·	Locatio	mRUSSE		-URK-IE-IN	· E/more	<u>```</u>
Lease KRUG	<u>.</u>		Well No. #10)	Owner 🛴	ARA CPAC	ан салана страната с Спременения страната с		
Contractor Contract	2				To Quality O	lwell Cementing, Inc		and furnish	-
Type Job P.T.A					cementer an	d helper to assist ow	ner or contractor to de	o work as listed.	•
Hole Size 778''		T.D.	3365		Charge	ARN CRAD	<u></u>		
Csg. 4		Depth	. /	· · · ·	.Street		J		
Tbg. Size	<u></u>	Depth	·····		City		State		-
Tool		Depth	· · · ·		The above wa	s done to satisfaction a	nd supervision of owner	agent or contract	ior.
Cement Left in Csg.	••	Shoe J	oint		Cement Amo		to/yomz	432 - 474	3
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and the product of the second	EQUIPN	IENT	14 g. 1		Common		 ¹⁰ Second Control 		· .
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Bulktrk 3 No. Driver	TIMAN	rc W.		·····	Gel.				
Bulktrk PL No. Driver	CIX		·		Calcium		· · · · · · · · · · · · · · · · · · ·		<u></u>
JOB SE	RVICES	& REMA	RKS	· .	Hulls				<u></u>
Remarks:					Salt				
Rat Hole				2	Flowseal	· · · · · · · · · · · · · · · · · · ·		* * * * * *	
Mouse Hole					Kol-Seal				
Centralizers					Mud CLR 48				
Baskets	•			;	CFL-117 or	CD110 CAF 38			
D/V or Port Collar					Sand				
15T@ 3318		ට	53KS	2	Handling				
2NOQ 842		2	5 JKS		Mileage				
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QUA # 785-483-2025 785-324-1041	Home Office P	ELL CEMENTING, INC. Tax I.D.# 20-2886107 O, Box 32 Russell, KS 67665 No. C171 County State On Location Finish
-11-8-12	Sec. Twp. Hange	RUSSEN KANSAS 7.00 1
Ale	A ware thereas are set to characterize the	Location RUSSELL TO MITCHEURA TETN CANTO
Lease Keug	Well No.#10	Owner L. ALA CLATG To Quality Oilwell Cementing, Inc.
Contractor Runt	2	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job	A suite similar marks and Graditation	Charge LAREN CPAIG
Hole Size 7 8	T.D. 5362	To COACIN CO Street
<u>Csg. 43</u>	Depth Depth	City
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contract
Tool Cement Left in Csg.	Shoe Joint	Cement Amount Ordered 305 60/40 poz del 4 1
Meas Line	Displace	127
. Bay several states a	EQUIPMENT	Common 0
Pumptrk 15 No. Ceme Heipe	or NLCK	Poz. Mix 90
Bulktrk Drive	CONTAIL CO.	Calcium
Bulktrk PLA Drive	ERVICES & REMARKS	Hulls - This - Annual - Annual - Annual - Annual -
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DRILL STEM TEST REPORT

Prepared For: Craig Oil Company

15 South Main Russell, Kansas 67665+2901

ATTN: Jeff Lawler

Krug #10

7/15S/13W/Russell

Start Date: 2012.11.07 @ 16:19:00 End Date: 2012.11.07 @ 20:57:30 Job Ticket #: 16911 DST #: 1

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

Printed: 2012.11.11 @ 08:26:48

Craig Oil Company 7/15S/13W/Russell Krug #10 **DST # 1** Arbuckle 2012.11.07

		-10 h			
			00:0	%r liO %45 Jatew %24 buM	0.00
		1. State	0.00	Muddy Water with skim of oil	00.008
			0.42	%001 buM	30.00
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Rates				Recovery	
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I E	NTERPRISES LLC	Craig Oil Company		7/1	5S/13W	/Russe	II	and the
	A CONCERN	15 South Main Russell, Kansas 67665+2901		Kru	ug #10			
				Job	Ticket: 16	6911	DS	T#:1
EIP		ATTN: Jeff Lawler		Tes	t Start: 20	012.11.07	7 @ 16:19:	00
ENERAL	INFORMATION:							DOBST
	Arbuckle No Whipstock: bened: 17:49:00 ded: 20:57:30	ft (KB)		Tes Tes Unit	ter:	Ken Sw i	onal Strado nney eat Bend/64	dle (Initial)
n terval: otal Depth: ole Diamete	3283.00 ft (KB) To 3340. 3365.00 ft (KB) (TVD) er: 7.80 inchesHole Co			Ref		evations: to GR/CF	1863	9.00 ft (KB) 2.00 ft (CF) 7.00 ft
ess@RunE art Date: art Time: EST CON	2012.11.07 16:20:00 //MENT: 1ST Open 15 M	ft (KB) End Date: End Time: linutes/Good blow/Blow built	2012.11.07 20:58:00 to bottom of bud	Capacity Last Calil Time On Time Off	b.: Btm: : Btm: :		5000 2012.1 07 @ 17:48 07 @ 19:2	B:30
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	2ND Open 15 Mi 2ND Shut In 30 Min Pressure vs. Time	inutes/Good blow/Blow built t nutes/No blow back	to bottom of buc	ket in 5 minu		RESUM	IMARY	
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Superior Testers Enterprises LLC

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	STER	P - 12 - 1	15 South Russell, k	Main Cansas 6766	5+2901		Krug #10 Job Ticket: 16911	DST#:1
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Taal Informati		and the second					1051 Otart. 2012.11.07 @	2 10.19.00
Tool Informatio								
Drill Pipe:	Length:	3291.00 ft		3.80 inc	hes Volume:	46.16 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Control 1		hes Volume:	0.00 bbl	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:		hes Volume:	0.00 bbl	Weight to Pull Loose:	45000.00 lb
Drill Pipe Above	KB:	24.80 ft		1	fotal Volume:	46.16 bbl	Tool Chased	0.00 ft
Depth to Top Pad		3283.00 ft					String Weight: Initial	33000.00 lb
Depth to Bottom		3337.10 ft					Final	35000.00 lb
nterval between		54.10 ft					and the state of a second s Second second	
Tool Length:		97.08 ft						
Number of Packe	ers:	3	Diameter:	6.75 inc	hes			
Tool Comments:								
						an and a start	1. 01 DE	
	on	Le	-	erial No.	Position	Depth (ft) Ac	cum. Lengths	
Shut In Tool	on	Le	5.00	erial No.	Position	3271.20	cum. Lengths	
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Shut In Tool Hydrolic Tool Packer Packer Perforations Change over sub Drill Pipe)		5.00 5.00 5.00 1.80 5.00 0.64	erial No.	Position	3271.20 3276.20 3281.20 3283.00 3288.00 3288.64	and a second constant of the second s	Bottom Of Top Packer
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Shut In Tool Hydrolic Tool Packer Parforations Change over sub Drill Pipe Change over sub Handling sub Perforations Recorder Recorder)		5.00 5.00 5.00 1.80 5.00 0.64 30.50 0.66 5.00 10.00 0.00	6748	Inside	3271.20 3276.20 3281.20 3283.00 3288.60 3288.64 3319.14 3319.80 3324.80 3334.80 3334.80	and a second constant of the second s	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Parforations Change over sub Orill Pipe Change over sub Handling sub Perforations Recorder Recorder Blank Off Sub)		5.00 5.00 5.00 1.80 5.00 0.64 30.50 0.66 5.00 10.00 0.00	6748	Inside	3271.20 3276.20 3281.20 3283.00 3288.60 3288.64 3319.14 3319.80 3324.80 3334.80 3334.80 3334.80 3335.47	and a second constant of the second s	Bottom Of Top Packer
Shut In Tool Hydrolic Tool Packer Packer Parforations Change over sub Drill Pipe Change over sub Handling sub Perforations Recorder Recorder Recorder Blank Off Sub Travel Collar)		5.00 5.00 5.00 1.80 5.00 0.64 30.50 0.66 5.00 10.00 0.00 0.00 0.67	6748	Inside	3271.20 3276.20 3281.20 3283.00 3288.60 3288.64 3319.14 3319.80 3324.80 3334.80 3334.80 3334.80 3335.47 3337.10	16.80	
Shut In Tool Hydrolic Tool Packer Packer Parforations Change over sub Change over sub Parforations Recorder Recorder Blank Off Sub Travel Collar Packer)		5.00 5.00 5.00 1.80 5.00 0.64 30.50 0.66 5.00 10.00 0.00 0.00 0.00 0.67 1.63 1.60	6748	Inside	3271.20 3276.20 3281.20 3283.00 3288.60 3288.64 3319.14 3319.80 3324.80 3334.80 3334.80 3335.47 3337.10 3338.70	and a second constant of the second s	
Shut In Tool Hydrolic Tool Packer Packer Parforations Change over sub Change over sub Handling sub Parforations Recorder Blank Off Sub Travel Collar Packer)		5.00 5.00 5.00 1.80 5.00 0.64 30.50 0.66 5.00 10.00 0.00 0.00 0.00 0.67 1.63 1.60 1.58	6748	Inside	3271.20 3276.20 3281.20 3283.00 3288.00 3288.64 3319.14 3319.80 3324.80 3334.80 3334.80 3334.80 3335.47 3337.10 3338.70 33340.28	16.80	
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Total Tool Length: 97.08

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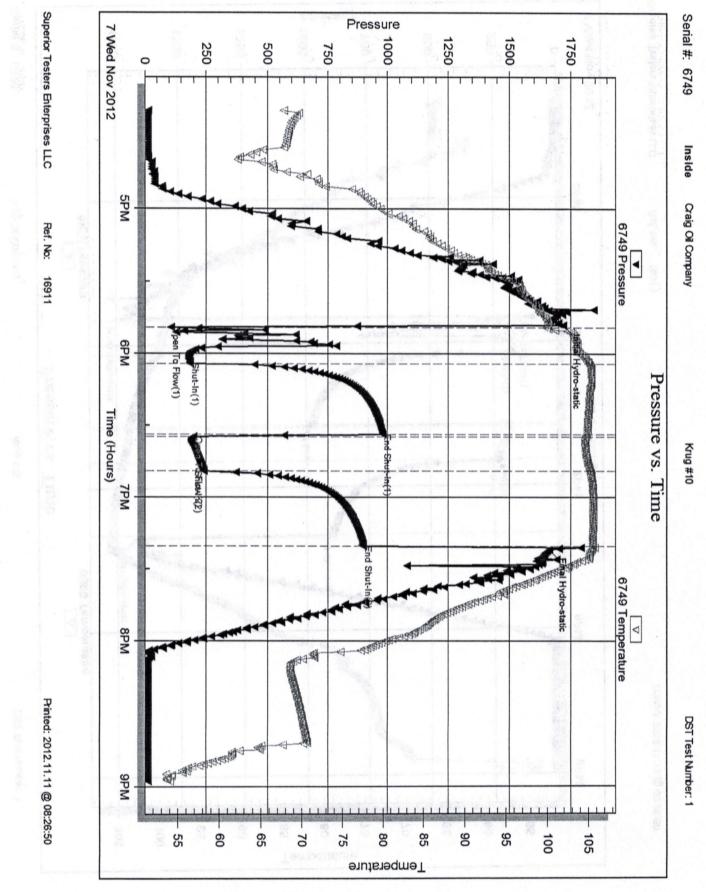
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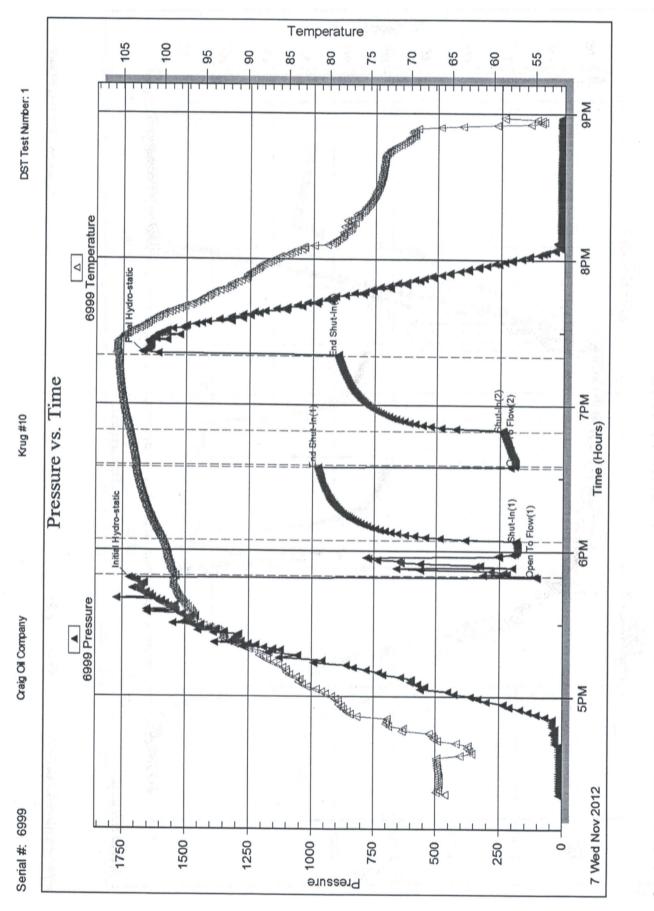
Bottom Packers & Anchor

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FLUID SUMMARY		ТЯОЧЭЯ	EM TEST R	רר צד	םצו		
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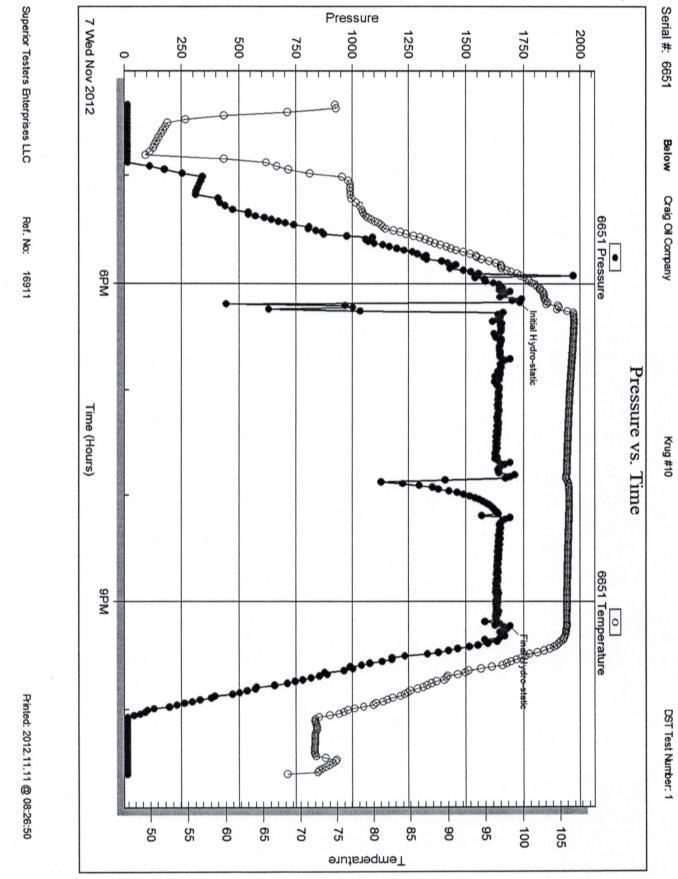


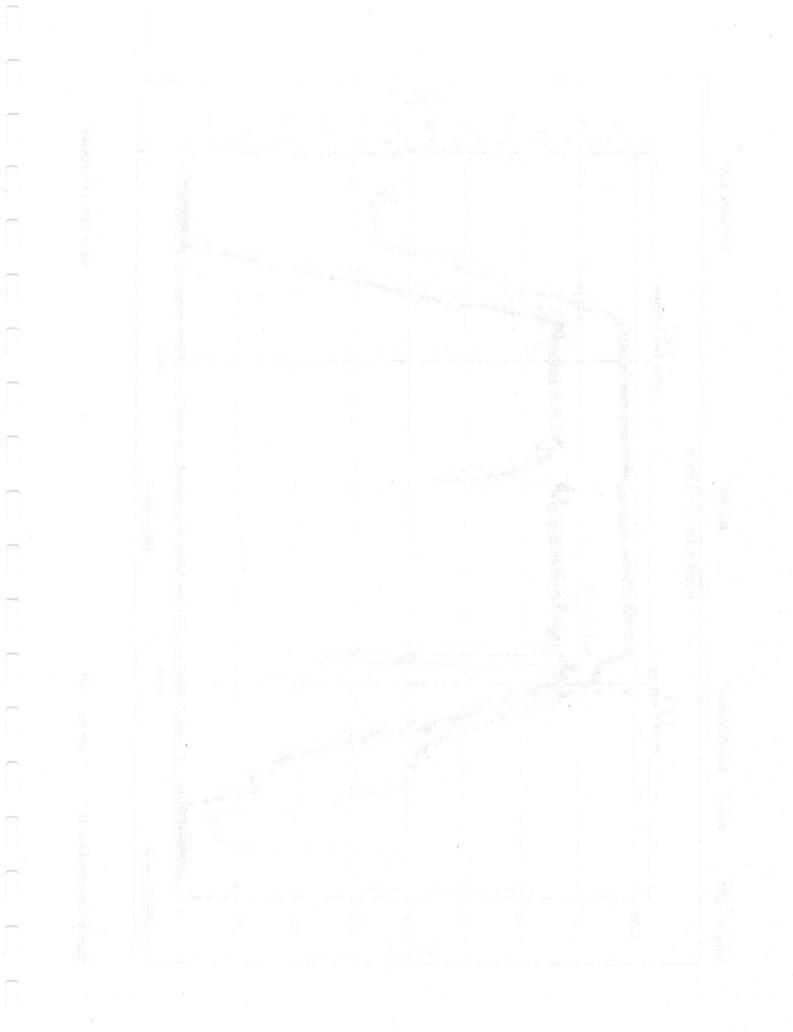


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Ref. No: 16911

Superior Testers Enterprises LLC







DRILL STEM TEST REPORT

Prepared For:

Craig Oil Company

15 South Main Russell, Kansas 67665+2901

ATTN: Jeff Lawler

Krug #10

7/15S/13W/Russell

Start Date: 2012.11.07 @ 00:00:00 End Date: Job Ticket #: 16912 DST #: 2

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

7/15S/13W/Russell

Krug #10

DST # 2

Arbuckle

2012.11.07

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ENTERPRISES LLC	Craig Oil Company		7/1	5S/13W	/Russel	1	en.
	15 South Main Russell, Kansas 67665+2901			ig #10 Ticket: 16	5912	DS	T#: 2
	ATTN: Jeff Law ler		Tes	t Start: 20	012.11.07	@ 00:00:	00
GENERAL INFORMATION:							
Formation: Arbuckle Deviated: No Whipstock: Time Tool Opened: Time Test Ended:	ft (KP)		Tes	ter:	Conventio Ken Sw in	nal Strado ney at Bend/64	$(-\infty) \in \mathbb{C}^{2}$
Interval:3331.00 ft (KB) To334Total Depth:3365.00 ft (KB) (TVIHole Diameter:7.80 inches Hole	0)		Refe	erence Ele KB t	evations: o GR/CF:	1862	9.00 ft (KB) 2.00 ft (CF) 7.00 ft
1ST Shut In 60 2ND Open 30	 3359.48 ft (KB) End Date: End Time: Minutes/Weak blow /Blow built Minutes/No blow back Minutes/Dead no blow /Flush to Minutes/No blow back 			o.: Btm: Btm: 4 inches	25	2012.11	0.00 psia 1.08
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		Time (Min.)	Pressure (psia)	Temp (deg F)	Annota	ation	Percessin Percorten Berak Crit Sub Racker Annton Racker Teal Sio Perforence Perforence Radarce Builingen
Length (ft) Description	Volume (bbl)			1	s Rates	ssure (psia)	Gas Rate (Mcf/d)
35.00 Mud 100%	0.49	, ,		Choke (ii			

Superior Testers Enterprises LLC Ref. No: 16912

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epth to Bottom Packer: 3362.48 ft				lenii	33000.00 lb	
epth to Top Packer: 3331.00 ft				String Weight: Initial	32000.00 lb	
11 Ppe Above KB: 7.80 ft Total Volume: 46.60 bbl		: Smulov 1610 1	100 09.94	beschO looT	11 00.1 11 00.1	
Vill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl	LIST THE THE LET		the second s	Weight to Pull Loose:	9000000 P	
keavy W. Fipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl				Weight set on Packer:	dl 00.00002	
Will Ppe: Length: 3322.00 ft Diameter: 3.80 inches Volume: 46.60 bbl				Tool Weight:	2000.00 lb	
joon Information			`			
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				1691 Ticket: 16912	Z:#1SO	
Pussell Kansas 2001					C.#190	
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Ref. No: 16912

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Superior Testers Enterprises LLC

Total Tool Length:

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Recorder

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Travel Collar

Blank Off Sub

Packer Tail Side

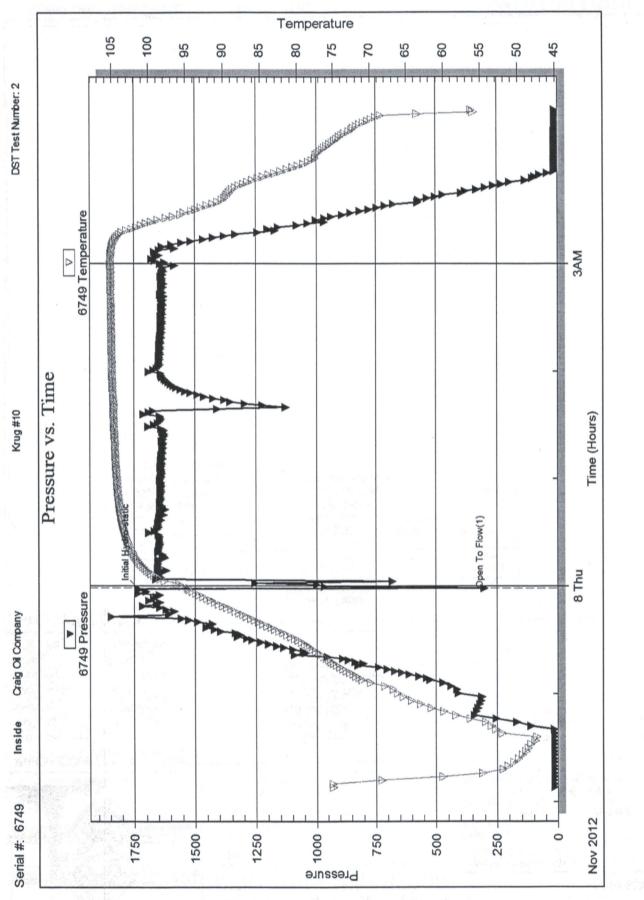
Packer Anchor Side

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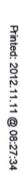
Bottom Packers & Anchor

RERIO	DR	ILL STEM TEST REPOR	RT FL	UID SUMMAR
ENTERPRISES LI	15 So Russe	Oil Company huth Main ell, Kansas 67665+2901 : Jeff Law ler	7/15S/13W/Russell Krug #10 Job Ticket: 16912 D Test Start: 2012.11.07 @ 00:00	ST#: 2 D:00
iscosity: 63.00 /ater Loss: 8.74 esistivity: alinity: 3000.00	0 lb/gal 0 sec/qt 8 in³ ohm.m	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	Oil API: ft Water Salinity: bbl psia	deg API ppm
ecovery Informatio	on	December 7-11		
	Length	Recovery Table Description	Volume	
	ft 35.00	Mud 100%	bbl	
_	14		0.491	
N	Fotal Length: 35 Num Fluid Samples: 0 .aboratory Name: Recovery Comments:	5.00 ft Total Volume: 0.491 bt Num Gas Bombs: 0 Laboratory Location:	Serial #:	
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N	Num Fluid Samples: 0 .aboratory Name:	Num Gas Bombs: 0		

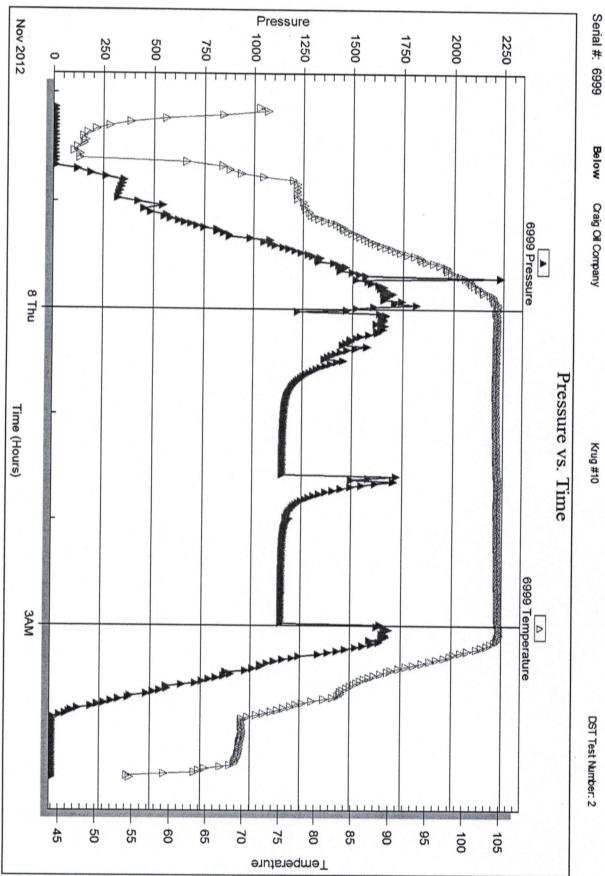


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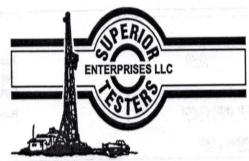
Ref. No: Superior Testers Enterprises LLC



Superior Testers Enterprises LLC Ref. No: 16912







DRILL STEM TEST REPORT

Prepared For:

Craig Oil Company

15 South Main Russell, Kansas 67665+2901

ATTN: Jeff Lawler

Krug #10

7/15S/13W/Russell

 Start Date:
 2012.11.08 @ 09:00:00

 End Date:
 2012.11.08 @ 14:30:00

 Job Ticket #:
 16913
 DST #: 3

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

Printed: 2012.11.11 @ 08:27:49

Craig Oil Company

7/15S/13W/Russell

Krug #10

DST # 3

Lansing/Kansas City

2012.11.08

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hes) Pressure (psia) Gas Rate (Mct/d)	Choke (inc			0.70	· · · · ·	Mud 100%	
Rates						Beccovery	(t) utbual
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5165 CL4:3	Krug #10				41.103 31		
	Krug #10 Krug #10			Company		TERPRISES LLC	

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Ref. No: 16913

Superior Testers Enterprises LLC

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EN	TERPRISES LLC	Craig Oil Company		7/1	5S/13W/	Russell		
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		Russell, Kansas 67665+29	01	Job	Ticket: 16	913	DST#	#:3
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erial #: 6 ress@RunD tart Date: tart Time:	CONTRACTOR MAN	@ 3360.25 ft (KB) End Date: End Time:	2012.11.08 14:28:30	Capacity Last Calil Time On Time Off	b.: Btm: 2		5000.0 2012.11.0 8 @ 10:17:3 8 @ 13:21:3	30
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Superior Testers Enterprises LLC

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Extraction: Craig Oil Company 7/15S/13W/Russell 15 South Main Krug #10 15 South Main Krug #10 ATTN: Jeff Lawler Job Ticket: 16913 DST#: 3 Monation: Lansing/Kansas City Evased: Monastock: ft (KB)	ance Eevations: 1869.00 ft (KB) 1862.00 ft (CF) 5000.00 psia 2012.11.08 16:10 2012.11.08 2012.11.08 2012.11.08 2012.11.08	Refere Capacity: Last Callb.: Last Callb.: Time On Btr	back 1/2 inches 1/2 29:30	ir ft (KB) k eak surface blow blow /Blow built to 3 k eak surface blow 1 k o 2 k o 3 k o 4 k o 4 k o 2 k o 4 k o 2 k o 4 k o 2 k o 4 k o 2 k o 4 k o 6 k o 7 k o 7 k o 7 k o 6 k o 6	(0∨) s∃ :noijibno2 e bs3 condition ts3 bn3 miT bn3 mi	(T) (B) (f) 3365.00 ft (KB) (nchesHole 5838 Inside 681.73 psia 2012.11.08 09:01:00 09:01:00 00:01:00 157 Cpen 30 157 Cpen 30 2010 Cp	otal Depth: ole Diameter ers@PunD fart Date: tart Date: tart Time:
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ENTERPRISEs LLC Craig Oil Company 7/15S/13W/Russell 15 South Main Krug #10 15 South Main Krug #10 ATTN: Jeff Law ler Job Ticket: 16913 DST#: 3 ATTN: Jeff Law ler Test Start: 2012.11.08 @ 09:00:00	:: Ken Swinney D: 3325 Great Bend/64 Pince Bevations: 1869.00 ft (KB) 1862.00 ft (CF) 5000.00 ft 5012.11.08 @ 10:18:00 ft 5012.11.08 @ 10:18:00 Ft 5012.11.08 @ 10:18:00 Ft 5012.11.08 [C] 10 ft 5012.11.08 [C]	Tester Unit N Refere Capacity: Last Callb.: Last Callb.:	back 1/2 inches 1/2 29:30	TVD) ir ft (KB) se: se: se: se: se: se: se: se: se: se:	(KB) (100.00 ft (KB) (7) (√V) (100.00 ft (100.15 (100.150 ft (100.15) (100.150 ft (100.15) (med: 10:18:30 16d: 14:30:00 3058:00 ft (KB) To 31 3058:00 ft (KB) To 31 3056:00 ft (KB) (T) 3056:00 ft (KB) (T) 3057:00 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:05 1051:	ime Tool Opo ime Test End otal Depth: otal Depth: otal Depth: fertial #: 6 fart Date: tart Date: tart Time:
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Superior Testers Enterprises LLC

	PERIO		DRIL	LSIE	MIES	TREPOR	1	TOOL DIAGRAM
ENTE	RPRISES LLC	3	Craig Oil	Company			7/15S/13W/Russe	11
	CTER?		15 South				Krug #10	Contraction of the second
			Russell, H	ansas 676	65+2901		Job Ticket: 16913	DST#: 3
	-		ATTAL				A GRIERA	
	6K	-	ATTN: J	eff Lawler			Test Start: 2012.11.08	3 @ 09:00:00
Tool Informatio	on							The second second second
Drill Pipe:	Length:	3047.00 ft	Diameter:	3.80 inc	ches Volume	: 42.74 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inc	ches Volume	: 0.00 bbl	Weight set on Pack	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inc	ches Volume	0.00 bbl	Weight to Pull Loos	
Drill Pipe Above I	KB:	5.80 ft			Total Volume	42.74 bbl	Tool Chased	0.00 ft
Depth to Top Pac		3058.00 ft					String Weight: Initia	35000.00 lb
Depth to Bottom		3363.25 ft					Fina	I 35000.00 lb
Interval between		305.25 ft						an a
Tool Length:		322.05 ft						
Number of Packe	ers:	3	Diameter:	6.75 inc	ches	a ala ana ang ang ang ang ang ang ang ang an		
Tool Comments:								
Tool Descriptio	on	Lei	ngth (ft) S	erial No.	Position	Depth (ft) Ac	cum, Lengths	
	on	Lei	ngth (ft) S	erial No.	Position	Depth (ft) Ac	cum. Lengths	4
Shut In Tool	on	Lei		erial No.	Position	2. C 1 9 1 8 1 9		
Shut In Tool Hydrolic Tool	on	Lei	5.00	erial No.	Position	3046.20	ina native Metto Noneste Contra nati	
Shut In Tool Hydrolic Tool Packer	on	Le	5.00 5.00	erial No.	Position	3046.20 3051.20	0.348/s - 5.363 - 5.85	Bottom Of Top Packer
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Shut In Tool Hydrolic Tool Packer Packer Handling Sub Perforations	on	Lei	5.00 5.00 5.00 1.80 5.00	6838	Position	3046.20 3051.20 3056.20 3058.00 3063.00 3094.00	ina native Metto Noneste Contra nati	
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Tool Description Shut In Tool Hydrolic Tool Packer Packer Handling Sub Perforations Recorder Blank Off Sub Travel Collar Packer Anchor sin Packer Tail Side Perforations Change over sub Drill Pipe Change Over Sub Perforations Recorder Bullnose	de		5.00 5.00 5.00 1.80 5.00 31.00 0.00 0.00 0.67 1.63 1.60 1.58 5.00 0.79 249.32 0.66	6838	Inside	3046.20 3051.20 3056.20 3058.00 3063.00 3094.00 3094.00 3094.67 3096.30 3097.90 3099.48 3104.48 3105.27 3354.59 3355.25	16.80	

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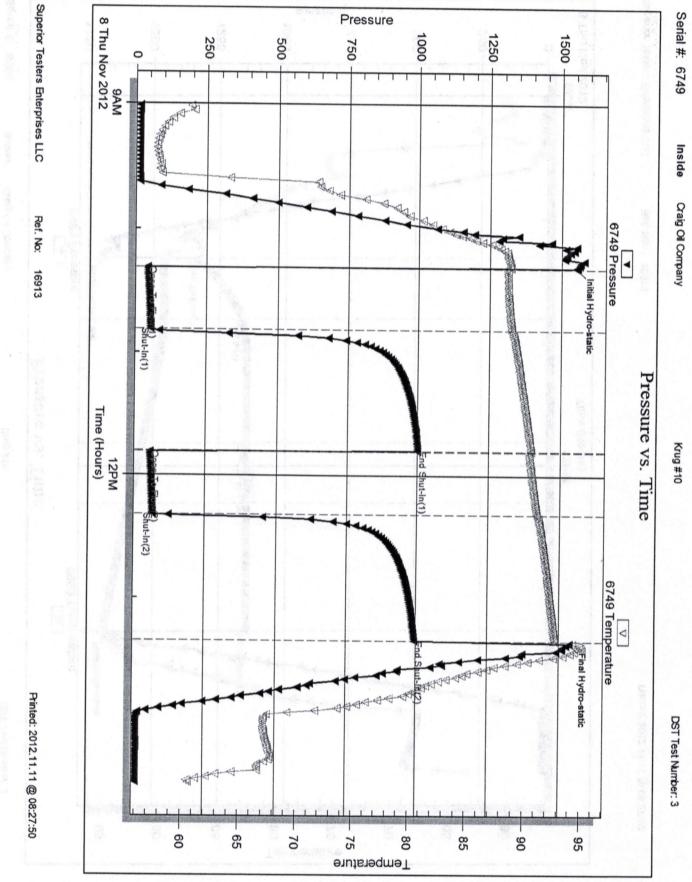
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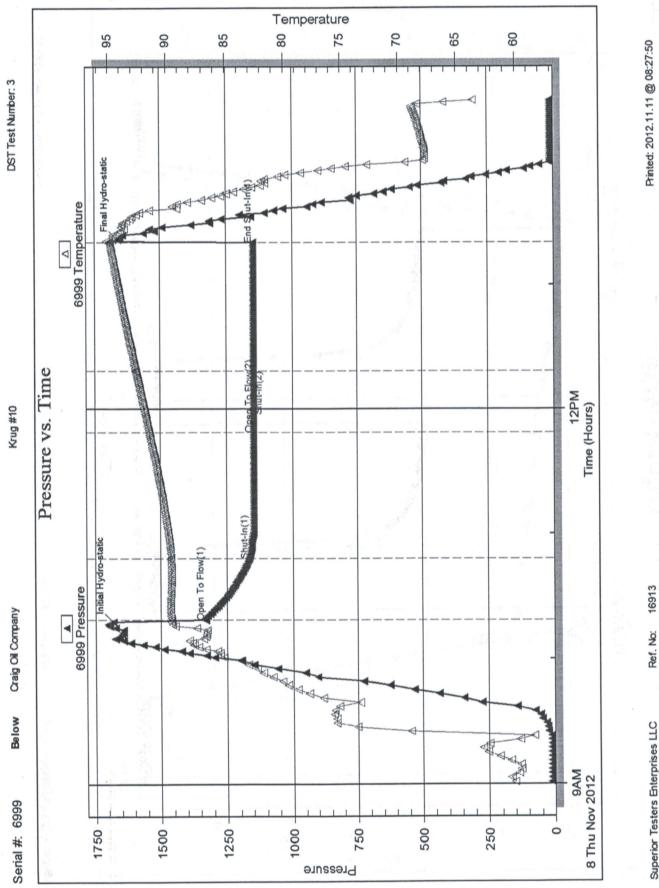
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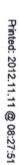




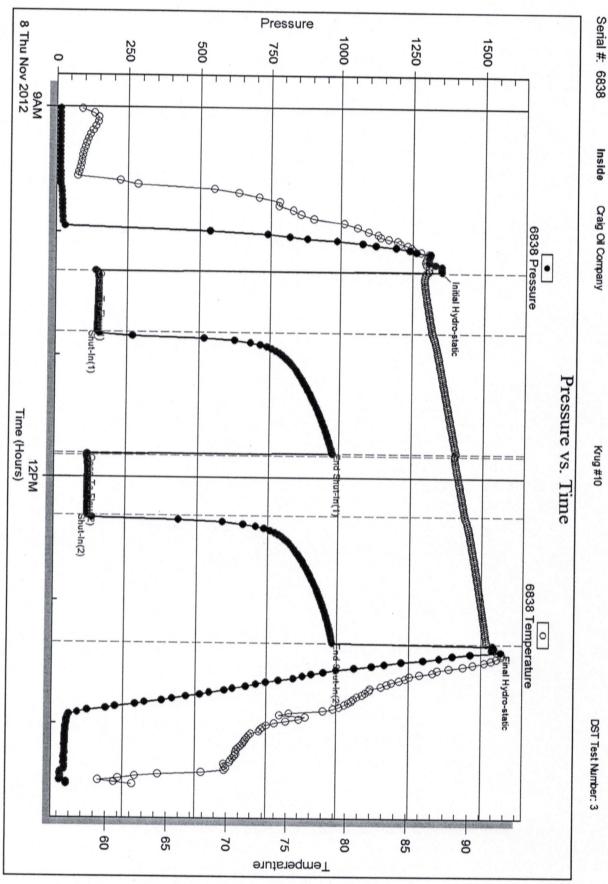
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