Confidentiality Requested: Yes No

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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:	SecTwpS. R		
Address 2:	Feet from North / South Line of Section		
City:	Feet from East / West Line of Section		
Contact Person:	Footages Calculated from Nearest Outside Section Corner:		
Phone: ()	□NE □NW □SE □SW		
CONTRACTOR: License #	GPS Location: Lat:, Long:		
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
□ Oil □ WSW □ SWD □ SIOW	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? Yes 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)		
Described	Chloride content: ppm Fluid volume: bbls		
□ Commingled Permit #: Dual Completion Permit #:	Dewatering method used:		
SWD Permit #:	Location of fluid disposal if hauled offsite:		
ENHR Permit #:	Location of huld disposal in hadica 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	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:			

CORRECTION #1

Operator Name:				Lease N	Name: _			Well #:	
Sec Twp	S. R	East	West	County					
and flow rates if gas	ving and shut-in pres to surface test, along og, Final Logs run to	sures, whe with final o obtain Geo	ether shut-in pre chart(s). Attach ophysical Data a	ssure reach extra shee and Final El	ned stati t if more ectric Lo	c level, hydrosta space is neede	atic pressures, ed.	bottom hole tempe	val tested, time tool erature, fluid recovery, v. Digital electronic log
Drill Stem Tests Take			es No	ille (TILTE OI		.og Formati	on (Top), Dept	th and Datum	Sample
(Attach Additional	Sheets)				Nam	e		Тор	Datum
Samples Sent to Geo	ological Survey		es No					.00	Zatam
Cores Taken Electric Log Run			es □ No es □ No						
List All E. Logs Run:									
			CASING	RECORD	☐ Ne	ew Used			
		·	ort all strings set-c	conductor, su	rface, inte	ermediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled		ze Casing et (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD)		
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	e of Cement	# Sacks Used Type and Percent Additives					
Plug Off Zone									
Did you perform a hydra Does the volume of the Was the hydraulic fractu	total base fluid of the hy	draulic fracti	uring treatment ex				No (If No	o, skip questions 2 an o, skip question 3) o, fill out Page Three o	
Shots Per Foot			RD - Bridge Plug Each Interval Perf				acture, Shot, Cei	ment Squeeze Record	l Depth
		Ţ,							·
TUBING RECORD:	Size:	Set At:	:	Packer At	:	Liner Run:	Yes] No	
Date of First, Resumed	Production, SWD or El	NHR.	Producing Meth	nod:		Gas Lift	Other (Explain) _		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio	Gravity
Vented Sol	ION OF GAS: d Used on Lease sibmit ACO-18.)		NOpen Hole	METHOD OF	_	Comp. Co	mmingled	PRODUCTIC	N INTERVAL:

Form	ACO1 - Well Completion
Operator	Castelli Exploration, Inc.
Well Name	Huck Jobe 2
Doc ID	1233174

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Conductor	30	20	52.73	40	10 sx grout	155	2% cc
Surface	17.5	13.375	48	320	A serv lite/60/40 poz		3% cc/1/4# cellflake
Production	7.875	5.5	15.5	5912	60/40 poz/AA2		3% gel/1/4# flocel

Summary of Changes

Lease Name and Number: Huck Jobe 2

API/Permit #: 15-033-21751-00-00

Doc ID: 1233174

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	05/27/2014	11/25/2014
Date of First or Resumed Production or		11/06/2014
SWD or Enhr Producing Method Flowing	No	Yes
Production - MCF Gas		250
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 00943	//kcc/detail/operatorE ditDetail.cfm?docID=12 33174



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1200943

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

CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15		
Name:	Spot Description:		
Address 1:	SecTwpS. R		
Address 2:	Feet from North / South Line of Section		
City:	Feet from _ East / _ West Line of Section		
Contact Person:	Footages Calculated from Nearest Outside Section Corner:		
Phone: ()	□NE □NW □SE □SW		
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:		
□ Oil □ WSW □ SWD □ SIOW	Producing Formation:		
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:		
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Original Comp. Date: Original Total Depth:	·		
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan		
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Coverning alord Paymeit #	Chloride content: ppm Fluid volume: bbls		
Commingled Permit #:	Dewatering method used:		
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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 L II III Approved by: Date:		

KOLAR Document ID: 1200943

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Castelli Exploration, Inc.
Well Name	Huck Jobe 2
Doc ID	1200943

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Perf Simpson Dolomite		5790-91
0		Set CIBP	5250
2			5044-48, 5052-62, 5065-78, 5084-5102

Form	ACO1 - Well Completion
Operator	Castelli Exploration, Inc.
Well Name	Huck Jobe 2
Doc ID	1200943

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
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Production	7.875	5.5	15.5	5912	60/40 poz/AA2		3% gel/1/4# flocel



FIELD SERVICE TICKET

1718 ____ A

	PRESSURE PL	JMPING & WIRELINE	none 620-672	2-1201			DATE	TICKET NO.			
DATE OF JOB	21-14	DISTRICT MARTY	11.		NEW WELL	OLD	PROD IN	NDM 🗆 r		USTOMER RDER NO.:	
CUSTOMER	45701	1. 12 / 12	\cdot		LEASE	Juck!	John	·	2	WELL NO.	
ADDRESS	<u> </u>	Company of the Compan	<i>J. J</i>		· · · · · · · · · · · · · · · · · · ·		sche"		Jac.		
CITY -		STATE			SERVICE CI	REW C.	1/)	GRoss,	<u>II.a</u>		
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become a part of the		all of and only those terms an lout the written consent of an					SIGNED:	itional or substitute			
ITEM/PRICE REF. NO.		MATERIAL, EQUIPMEN	T AND SERVI	CES US	ED	UNIT	QUANTITY	UNIT PRI	CE	\$ AMOUN	NT
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SERVICE REPRESENTATIV	ve 121	1///			RIAL AND SEF		D BY≥′ ∴ ✓	ر نور کار کار کار کار کار کار کار کار کار کا			
	The state of the s	1 feller	1 5					FOR CONTRACT		AGENT)	
FIELD SERVICE	URDER NO.										



TREATMENT REPORT

	3 2										
Customer 74.	STelli-	SINORA	tios	Lease No.			Date				
Lease 40	ck Joe	60		Well #				03	-01	-14	
Field Order #	Station	P2A-H	- KS		Casing		22.	County Com.		0	State
Type Job	13 3/8	· Condu	ton			Formation	1 ·		Legal De	escription	17
PIPE	DATA:/-	/ 4/PERF	ORATI	NG DATA	FLUID	,	TREATMENT RESUME				
Casing Size				(-);	Ácid	the more)		RATE	SSJUB	ISIP 2	Enerally
Depth 22	Depth	From		То	Pre Pad		Max			5 Min.	· · · · · · · · · · · · · · · · · · ·
Volumé/	Volume	From		То	Pad		Min		* *	10 Min.	.:
Max Press	Max Press	From	:	То	Frac	*	Avg			15 Min.	
Well Connection	n Annulus V	ol. From		То			HHP Used			Annulus Pr	essure
Plug Depth	Packer De	pth From		То	Flush		Gas Volun			Total Load	
Customer Rep	resentative			Statio	on Manager	AUE Scot	-	Treater	best	1/1/2	· ·
Service Units	3 39 00	33708	2092	0 1980							
Driver Names	Sullisa	GRA	1	HAL	SON	:					
Time	Casing Pressure	Tubing Pressure	Bbis.	Pumped	Rate			Serv	ice Log		·
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10244 NE Hwy. 61 P.O. Box 8613

FIELD SERVICE TICKET 1718 **10179** A

	_		att, Kansas one 620-672				DATE	TICKET NO		_
DATE OF 3-	9.2014	DISTRICT Prst	+, ICS		NEW 🖅	OLD □ F	PROD INJ	I WDW [CUSTOMER ORDER NO.:	
CUSTOMER (astel	11: Explore	lion, I	NC.	LEASE HUCK Jobe WELL NO. 2					
ADDRESS		· · · · · · · · · · · · · · · · · · ·	·		COUNTY (como	inche	STATE	Ks	
CITY		SERVICE C	REW D	anni E	Ed, Jeri	ry				
AUTHORIZED B				, -	ng String					
EQUIPMENT	# HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CAL			TIME
32216	1 1					<u> </u>	ARRIVED AT			100
19857							START OPE	RATION 3-9		'.ου
19831	1						FINISH OPE	RATION 3-9	- 21	100
19862	1					 	RELEASED	3 - 9		
1.002						1	MILES FROM	M STATION TO WI	ELL 78	
products, and/or sur	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: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)									
ITEM/PRICE REF. NO.	N	MATERIAL, EQUIPMENT	AND SERVIC	CES US	ED	UNIT	QUANTITY	UNIT PRICE	\$ AMOU	UNT
CP105	AA2C	emen+				SŁ	150		2,550	00
CP103	60140	Poz				SK	85		1,020	00
CC 102	Cellof	IGKE				16	38		140	60
أ دوف مصدا	<i>~</i>					141		ı	1	1 '

REF. NO.	MATERIAL, EQUIPMENT AND SERVICES U	ISED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	IT :
CP105	AA2 Cement	SŁ	150		2,550	00
CP/03	60140 POZ	SK	85		1,020	00
CC 102	Celloficke	16	38		140	60
CC 111	591+	16	684		342	20
CC 112	Cement Friction Reducer	16	43		258	8
CC 115	C-44	16	141		726	15
CC129	FLA-322	16	43		322	50
CC 201	Gilsonite	16	750		502	50
CF607	Laten Down Plug & Baffle 51	" (Blue) es	1		400	00
CP 1251	Auto Fill Flock Shee 51/2	(Blue) eg			360	රත
CF1651	Turbolizer 51/2 (Blue)	eq	10		1,100	00
CF 1901	51/2 B95Kox (Blue)	es	Z		580	00
C 704	Claymax KCL Substitute	G91	6		210	00
E100	Unit milegge Charse-Pig	cic up mi	75		318	75
E101 E113	Herry Foundat Milegge	mi	150		1,050	00
E113 -	BUIK Delivery	Fan	806		1,773	75
CE 206	Depth Chersé 5001-6000	4 hrs	1		2880	00
CE 240	Blenzing & Mixins Charse	3K	235		329	8
CF 504	Plus Conteiner Utilization o	cherse Jub			250	00
<u> </u>				SUB TOTAL		ļ.,
CHE	EMICAL / ACID DATA:			129		
	1 I I	ERVICE & EQUIPMENT	NO XAT%			
	M	ATERIALS	%TAX OI	V\$.		
				TOTAL		
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•.	·	
		. ,
1 3- 1 1	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:	
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)	



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET

1718 10180 A

DATE TICKET NO. 1718 16179

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DATE OF 3-	9.20	14 DIS	STRICT Prs+	, <i>IC</i> S		NEW Æ 🔾	VELL□ I	PROD []INJ	□ WDW	□Cl	USTOMER RDER NO.:	
CUSTOMER C	95+	e)),	Exploser on	, Inc		LEASE /	ICIC	Jobe	· · · · · ·		WELL NO	.2
ADDRESS					,	COUNTY C			STATE	105		
CITY			STATE			SERVICE CR			· · · · · · · · · · · · · · · · · · ·			
AUTHORIZED B	BY		<u> </u>					V/Lons.	S			
EQUIPMENT		HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CALL		DAT	E AM T	IME
								ARRIVED AT	JOB		AM PM	
								START OPER	ATION		AM	
:								FINISH OPER	ATION		AM PM	
								RELEASED			AM PM	
			**************************************					MILES FROM	STATION TO	WELL	-	
ITEM/PRICE REF. NO.		МА	ne written consent of an off	AND SER	VICES US	ED	UNIT	GIGNED:(WELL OWNER	R, OPERATOR, UNIT PRIC		\$ AMOL	
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SERVICE REPRESENTATIVE Darin Engela

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

Customer CGS+ell: Explorer of Lease No. 3-9-2014 Well # HUCK Jobe Casing 5 1/2 County Comenche Pradtics Legal Description 23-33-17 Formation 17-5920 Longstring PIPE DATA PERFORATING DATA **FLUID USED** TREATMENT RESUME RATE PRESS Acid ISIP Casing Size, Tubing Size Shots/Ft Depth 59 12 Pre Pad Max 5 Min. Depth From To 10 Min. From Pad ~ . Volume 1393/ Volume Min -Τó 15 Min. Frac Avg Max Press From HHP Used Annulus Pressure Well Connection Annulus Vol. То From Plug Depth Flush Gas Volume Total Load Packer Depth From То Customer Representative Rice Popp Station Manager Keurin Gordier Darin Franklin 9843 19889 19831 19862 3*7216* Service Units Driver Jerry Jegry Darin ΕF Names Casing Service Log ∠ Tîme Bbls. Pumped Rate Pressure Pressure 9:00pn On Location _ Safety moetyns Run 140 jas 5/2 casing - 5912 Run AFUFICGASAGE, LETEN DOWN BIFFIECEIG 4. Run turno 1,2015 1,2,3,4,5, 15,20,21,22,23 Run Baskers Orthorrom Of S.L 795 Bustom, DICO BSII, brogge Circulation 3:00 Pump 30 Sx 60/40 poz Por Rex hore 100 Н Pump 205, 60/40 poz Per Meusoher 100 PUMP 150Sx AAZ Cement 600 .3% C-15, .3% C-37, 196 C-44 5% Gypsum, 10% 591+, . 25# Cellofiske 54 Gilsonite 15,3 ppG, 5,47 water Rec 1,36 Slorry Veill Stop I Wash lines / Drop DIUS Start displacement with water 3:20 ۵ 400 3 Cement Lift Pressure 1200 00 130 Slow rate to 3 6pm 1200 Plus Down / Rolesse 1393/4 4:00 2200 WSSH Truck UP Job Complete - Davin & Creu 51:00 10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

海外,深广州, 1944

CONTRACTOR SHOWING



Prepared For: Castelli Exploration, Inc.

6908 Nw 12th Oklahoma City, OK .73162

ATTN: Cameron Castelli

Huck Jobe #2

33-33s-17w Commanche,KS

Start Date: 2014.03.06 @ 19:41:57 End Date: 2014.03.07 @ 10:02:42 Job Ticket #: 51938 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Castelli Exploration, Inc.

33-33s-17w Commanche,KS

6908 Nw 12th

Oklahoma City, OK .73162

ATTN: Cameron Castelli

Huck Jobe #2
Job Ticket: 51938

Tester:

Unit No:

ob Ticket: 51938 **DST#:1**

Test Start: 2014.03.06 @ 19:41:57

Matt Smith

53

GENERAL INFORMATION:

Formation: Simpson Dolomite

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 23:16:42
Time Test Ended: 10:02:42

Interval: 5785.00 ft (KB) To 5800.00 ft (KB) (TVD)

Total Depth: 5800.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1808.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6773 Outside

Press@RunDepth: 2058.96 psig @ 5786.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2014.03.06
 End Date:
 2014.03.07
 Last Calib.:
 2014.03.07

 Start Time:
 19:42:02
 End Time:
 10:02:42
 Time On Btm:
 2014.03.06 @ 23:05:27

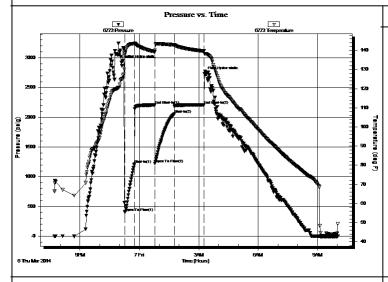
 Time Off Btm:
 2014.03.07 @ 03:17:27

TEST COMMENT: IF: Strong blow . B.O.B. in 27 secs.

ISI: Fair blow . B.O.B. in 45 mins.

FF: Strong blow . B.O.B. in 30 secs. G.T.S.

FSI: Weak blow . Surf., to 10 ".



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation							
(Min.)	(psig)	(deg F)								
0	2926.44	124.86	Initial Hydro-static							
12	405.44	138.41	Open To Flow (1)							
39	1212.06	143.52	Shut-In(1)							
102	2206.55	139.24	End Shut-In(1)							
102	1224.75	140.09	Open To Flow (2)							
161	2058.96	142.89	Shut-In(2)							
251	2207.37	139.61	End Shut-In(2)							
252	2727.96	138.27	Final Hydro-static							

Recovery

Length (ft)	Description	Volume (bbl)		
780.00	GOCWM 3%m 17%w 35%o 45%g	9.30		
3568.00	WCM 2%m 98%w	50.05		
0.00	GTS	0.00		

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	8.00	35.54

Trilobite Testing, Inc Ref. No: 51938 Printed: 2014.03.11 @ 11:27:40



Castelli Exploration, Inc.

33-33s-17w Commanche,KS

6908 Nw 12th

Oklahoma City, OK .73162

ATTN: Cameron Castelli

Huck Jobe #2
Job Ticket: 51938

ob Ticket: 51938 **DST#:1**

Test Start: 2014.03.06 @ 19:41:57

GENERAL INFORMATION:

Formation: Simpson Dolomite

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 23:16:42

Tester: Matt Smith
Time Test Ended: 10:02:42

Unit No: 53

 Interval:
 5785.00 ft (KB) To
 5800.00 ft (KB) (TVD)
 Reference ⊟evations:
 1821.00 ft (KB)

Total Depth: 5800.00 ft (KB) (TVD) 1808.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 6719 Outside

 Press@RunDepth:
 psig
 ©
 5786.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2014.03.06 End Date: 2014.03.07 Last Calib.: 2014.03.07

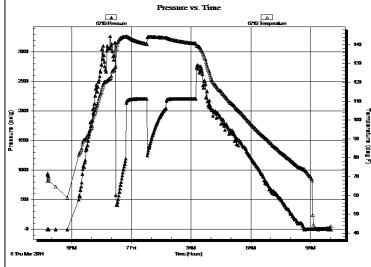
Start Time: 19:46:36 End Time: 10:02:16 Time On Btm: Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 27 secs.

ISI: Fair blow . B.O.B. in 45 mins.

FF: Strong blow . B.O.B. in 30 secs. G.T.S.

FSI: Weak blow . Surf., to 10 ".



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation							
	(Min.)	(psig)	(deg F)								
,											
Tamparatura (dan F)											
,											
,											

Recovery

Length (ft)	Volume (bbl)		
780.00	GOCWM 3%m 17%w 35%o 45%g	9.30	
3568.00	WCM 2%m 98%w	50.05	
0.00	GTS	0.00	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	8.00	35.54

Trilobite Testing, Inc Ref. No: 51938 Printed: 2014.03.11 @ 11:27:40



TOOL DIAGRAM

Castelli Exploration, Inc.

33-33s-17w Commanche, KS

6908 Nw 12th

Huck Jobe #2 Job Ticket: 51938

DST#: 1

Oklahoma City, OK .73162

ATTN: Cameron Castelli

Test Start: 2014.03.06 @ 19:41:57

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 5592.00 ft Diameter: Length:

0.00 ft Diameter: 180.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

0.00 bbl 0.89 bbl

78.44 bbl

Tool Weight: 2400.00 lb Weight set on Packer: 24000.00 lb Weight to Pull Loose: 110000.0 lb

0.00 ft

15.00 ft 5785.00 ft

ft 15.00 ft Total Volume: 79.33 bbl Tool Chased String Weight: Initial 86000.00 lb

Final 98000.00 lb

Interval betw een Packers: Tool Length: 43.00 ft

Number of Packers:

Drill Pipe Above KB:

Depth to Top Packer:

Depth to Bottom Packer:

2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			5758.00		
Shut In Tool	5.00			5763.00		
Hydraulic tool	5.00			5768.00		
Jars	5.00			5773.00		
Safety Joint	3.00			5776.00		
Packer	4.00			5780.00	28.00	Bottom Of Top Packer
Packer	5.00			5785.00		
Stubb	1.00			5786.00		
Recorder	0.00	6719	Outside	5786.00		
Recorder	0.00	6773	Outside	5786.00		
Perforations	11.00			5797.00		
Bullnose	3.00			5800.00	15.00	Bottom Packers & Anchor

Total Tool Length: 43.00

Trilobite Testing, Inc Ref. No: 51938 Printed: 2014.03.11 @ 11:27:40



FLUID SUMMARY

Castelli Exploration, Inc.

33-33s-17w Commanche,KS

6908 Nw 12th

Oklahoma City, OK .73162

Huck Jobe #2

Job Ticket: 51938

DST#: 1

ATTN: Cameron Castelli

Test Start: 2014.03.06 @ 19:41:57

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 40000 ppm

Viscosity: 53.00 sec/qt Cushion Volume: bbl

Water Loss: 8.97 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

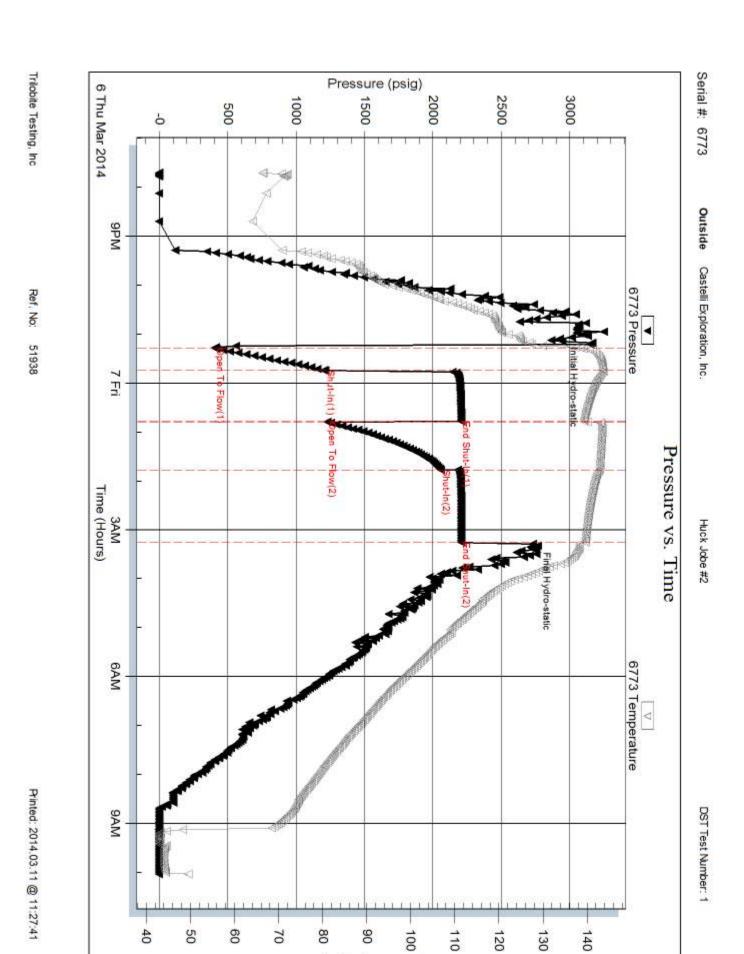
Length ft	Description	Volume bbl
780.00	GOCWM 3%m 17%w 35%o 45%g	9.302
3568.00	WCM 2%m 98%w	50.050
0.00	GTS	0.000

Total Length: 4348.00 ft Total Volume: 59.352 bbl

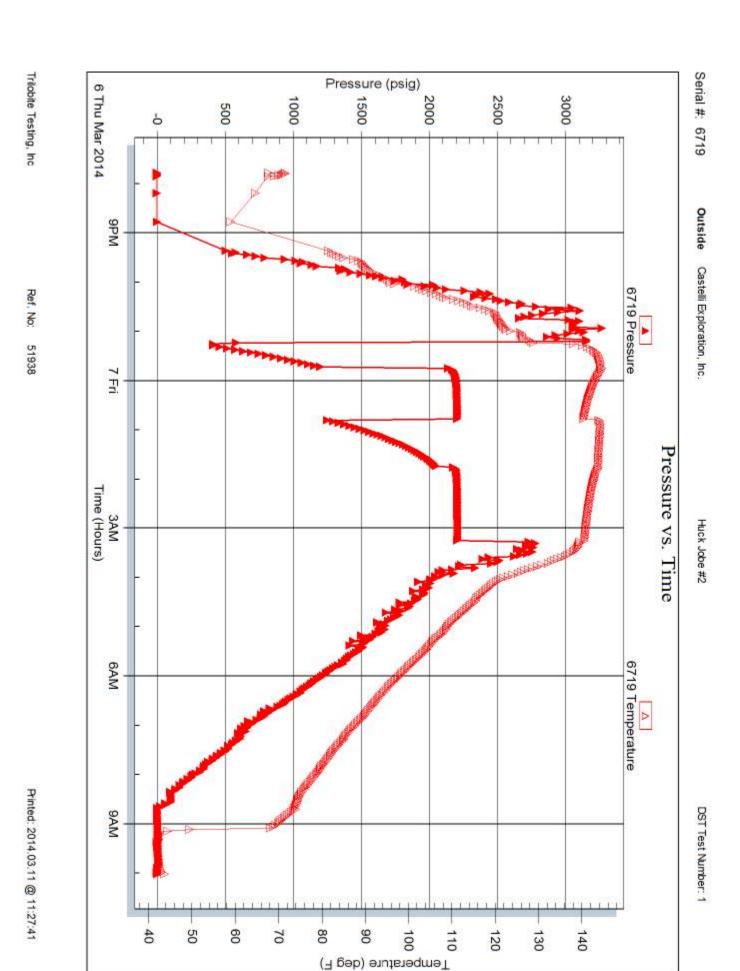
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location: Recovery Comments: See gas report Rw .325 @ 40

Trilobite Testing, Inc Ref. No: 51938 Printed: 2014.03.11 @ 11:27:41



Temperature (deg F)





RILOBITE ESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51938

Well Name & No.	uck JOBE #2		Test No	1	Date 0	3/06/1	4	
	i Exploration, I	nc.	Elevation _	1821	KB	1808	GL	
	NW 12th OKI							
	ron Castelli	,	Rig Do	he Rig ±	17			
Location: Sec. 3.	3Twp <i>33s</i>	Rge. 17w	Co. Com	nanche	Sta	te K	5.	
	35 - 5800		AR buckl					
Anchor Length	15'		200		Mud Wt.	9,9	/	
Top Packer Depth	5780		180	1	Vis	53		
	5785		8		WL	9.0		
	5800		5,000	ppm System	LCM	10-1		
Blow Description .IF.	Strong How. B.	O.B. in 27:	secs,					
	w. B.O.B. in 4							
_	w. B.O.B. in 30							
	w. Surf., to 10'							
Rec1410Fe			%gas	%oil	%w	ater	%mud	
Rec780Fe	eet of GOCWM		45%gas	35 %oil	/7 %w	ater 3	%mud	
Rec_3568 Fe	eet of WGM		%gas	%oil	98 %w	ater Z	2 %mud	
RecFe	eet of		%gas	%oil	%w	ater	%mud	
RecFe			%gas	%oil		ater		
Rec Total 4348 S	fluid BHT 140°	Gravity N/A	_ API RW . 325	@40.2	F Chlorides _	40,000	ppm	
(A) Initial Hydrostatic	2926	Test1350			Location			
(B) First Initial Flow	405	Jars 250			ted			
(C) First Final Flow	1212	Safety Joint	75		en 🥏			
(D) Initial Shut-In	2207	☐ Circ Sub			ed O			
(E) Second Initial Flow _	1225	☐ Hourly Standby						
(F) Second Final Flow _	2059	Mileage	53 235.60		nents			
(G) Final Shut-In	2207	☐ Sampler						
(H) Final Hydrostatic	2728	☐ Straddle		D R	uined Shale P	acker		
		☐ Shale Packer_			uined Packer_			
Initial Open 30		☐ Extra Packer _			xtra Copies			
Initial Shut-In 60)	☐ Extra Recorder			Total0			
Final Flow								
Final Shut-In	90	☐ Accessibility			MP/DST Disc't			
		Sub Total 1910		- A	000	2 <	0	
Approved By	1		Our Representative		thew X	Smit	5	
Trilohite Testing Inc. shall not be liab	le for damaged of any kind of the property ion concerning the results of any test, tools	or personnel of the one for who	om a test is made, or for a	ny loss suffered or sus	stained, directly or in	directly, through th	ne use of its	



Remarks:

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

Castelli	Explonation	Duke#7	Huck	JOBE #2	3/7/14	
CHOICH	OPERATOR			WELL NAME AND NO		DST NO.

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	MC	FID ZOUS
				30 500	GITIS/BIOIB			
				10	6 PSI	1/4"	30.4	32,4
				20	5 PSI	1/4"	38,9	30.8
				30	2 PSI	1/4 "	24.5	26.0
				40	3 PSI	1/4 "	25.9	27.4
				50	8 PSI	1/4"	33,3	35.5
				40	3 PSI	1/4"	25.9	27.6
\neg								
t								