

Kansas Corporation Commission Oil & Gas Conservation Division

1066577

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ((Submit AC		nmingled mit ACO-4)			



10244 Pratt, Phone

FIELD SERVICE TICKET A

TICKET NO._

4 NE Hwy. 61 Box 8613	 1718	04372	,
, Kansas 67124 e 620-672-1201	_,	04012	_

DATE

CUSTOMER (ASTELLT EXPLIRATION) LEASE LONG CLET WELL NO. ADDRESS COUNTY (CMANICHE STATE K) STATE SERVICE CREWLESLEY, LANGINGE, MCKAN AUTHORIZED BY RICK POTP JOB TYPE: ALL - 1. T. A. AUTHORIZED BY RICK POTP JOB TYPE: ALL - 1. T. A. FINISH OPERATION CONTRACT CONDITIONS (The contract must be eigned before the job is commenced or merchandise is delivered). The underrigende landering and land only those threat and conditions against an object of supplies includes all and only those threat and conditions appealing on the front ablack of this countract. No additional for southerned become a pain of this contract without the written consent of an officer of Basic Energy Services LP. SIGNET JUST AUTHORIZED AND SERVICES USED UNIT QUANTITY UNIT PRICE SAMOUN REF. NO. MATERIAL EQUIPMENT AND SERVICES USED UNIT QUANTITY UNIT PRICE SAMOUN REF. NO. MATERIAL EQUIPMENT AND SERVICES USED UNIT QUANTITY UNIT PRICE SAMOUN REF. NO. POLICY OF A SERVICE ALL OF A SERVICES USED UNIT QUANTITY UNIT PRICE SAMOUN REF. NO. POLICY OF A SERVICE ALL OF A SERVICES USED UNIT QUANTITY UNIT PRICE SAMOUN REF. NO. POLICY OF A SERVICE SAMOUN REF. NO. ATERIAL EQUIPMENT MILE ACT. TITLE HEAVY EXCLUPINEAT MILE ACT. SERVICE & EQUIPMENT MILE ACT. TOTAL SERVICE & EQUIPMENT MILE ACT. TOTAL	JOB 10-18	WELL X	XELL□ I	PROD INJ	□ WDW	ORD	ER NO.:					
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REPRESENTATIVE FIELD SERVICE ORDER NO. THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

SERVICE

Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

Terme:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royal-ty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET 1718 05086 A

₫.	JRE PUM	IPING & WIRELINE				DATE TICKET N	IO	
DATE OF 10-11-20	211	DISTRICT Pratt			WELL P	OLD U	PROD INJ WDV	N CUSTOMER ORDER NO.:
CUSTOMER COST	elli	EXPLORATION	on	Inc	LEASE L	ne i	VolF	WELL NO. 1-15
ADDRESS			•		COUNTY C	oma	nche STA	TE /5 5
CITY		STATE					rer sullivan	
AUTHORIZED BY				*	JOB TYPE:		W 13/8 CON	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED	1010-11 AM TIME
33708-20926							ARRIVED AT JOB	10-10-11-20
19831-19802	35	<u></u>	+			+	START OPERATION	10-10-11AM 9:25
37900						 	FINISH OPERATION	10.10-11 AM 10.00
						_	RELEASED	10-10-11 PM 1030
					· · · · · · · · · · · · · · · · · · ·	1	MILES FROM STATION	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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200 De Pth Charge 0-500
240 mixing Charge
003 Supervisor TM 4hr <u>5K</u> 350 29 **SUB TOTAL** 8097 CHEMICAL / ACID DATA: 28 **SERVICE & EQUIPMENT** %TAX ON \$ **MATERIALS** %TAX ON \$ TOTAL

FIELD	SERVICE	ORDER	NO.

REPRESENTATIVE

SERVICE

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Terms:

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Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

Special Pricing Provisions:

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Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom. BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royal-ty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOC-

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



TREATMENT REPORT

Customer	578.41-1	Exal	o sept for	, L	ease No.						Date				
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Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th. Oklahoma City Ok.73162 Lone Wolf#1-18

Job Ticket: 44008

DST#: 1

ATTN: Rick Popp

Test Start: 2011.10.16 @ 21:32:34

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:50:34 Time Test Ended: 08:12:49 Tester: Unit No:

Test Type: Conventional Straddle (Initial) Gary Pevoteaux

56

2016.00 ft (KB)

Reference Elevations:

2003.00 ft (CF)

5472.00 ft (KB) (TVD) 7.88 inches Hole Condition: Poor

4890.00 ft (KB) To 4978.00 ft (KB) (TVD)

13.00 ft

KB to GR/CF:

Serial #: 8370 Press@RunDepth:

Interval:

Total Depth:

Hole Diameter:

Outside

235.65 psig @

4891.00 ft (KB)

Capacity:

8000.00 psig

Start Date: 2011.10.16 End Date: 2011.10.17 08:12:49 Last Calib.: Time On Btm:

2011.10.17 2011.10.17 @ 00:44:34

Start Time: 21:32:39 End Time:

Time Off Btm:

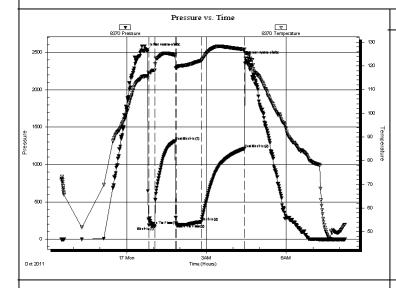
2011.10.17 @ 04:28:04

TEST COMMENT: IF:Strong blow . GTS in 3.5 mins.(see gas flow report)

ISI:No blow.

FF:Strong blow. (see gas flow report)

FSI:Strong blow . B.O.B.



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2526.27	115.76	Initial Hydro-static
6	188.83	117.20	Open To Flow (1)
19	170.90	118.04	Shut-In(1)
65	1316.49	124.50	End Shut-In(1)
68	202.63	119.08	Open To Flow (2)
124	235.65	122.20	Shut-In(2)
222	1213.59	126.90	End Shut-In(2)
224	2422.00	125.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GOCMW 20%g 14%o 6%m 60%w	0.89
0.00	Rw .13 ohms@54deg.	0.00
185.00	GOCMW 33%g 10%o 16%m 41%w	2.57
125.00	GOCWM 31%g 5%o 32%w 325M	1.75
165.00	OCGM 4%o 32%g 64%m	2.31

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	26.00	631.04
Last Gas Rate	0.38	5.00	71.07
Max. Gas Rate	0.50	27.00	279.27

Printed: 2011.10.18 @ 09:16:24 Trilobite Testing, Inc. Ref. No: 44008



Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th. Oklahoma City Ok.73162 Lone Wolf#1-18

Job Ticket: 44008

DST#: 1

ATTN: Rick Popp

Test Start: 2011.10.16 @ 21:32:34

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Initial) Tester: Gary Pevoteaux

> Unit No: 56

Time Tool Opened: 00:50:34 Time Test Ended: 08:12:49

2016.00 ft (KB)

Interval: 4890.00 ft (KB) To 4978.00 ft (KB) (TVD) Total Depth: 5472.00 ft (KB) (TVD)

Reference Elevations:

2003.00 ft (CF)

KB to GR/CF:

13.00 ft

Hole Diameter: 7.88 inches Hole Condition: Poor

Serial #: 8167 Below (Straddle)

Press@RunDepth: psig @ 4979.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: 2011.10.16 End Date: 2011.10.17 07:56:08

Time On Btm:

2011.10.17

Start Time:

21:41:28

End Time:

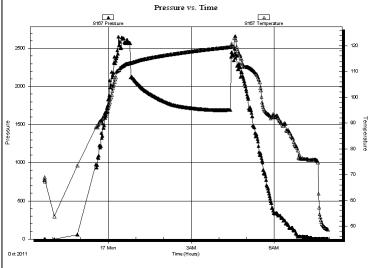
Time Off Btm:

TEST COMMENT: IF:Strong blow . GTS in 3.5 mins.(see gas flow report)

ISI:No blow.

FF:Strong blow. (see gas flow report)

FSI:Strong blow . B.O.B.



PRESSURE SUMMARY

Time	Pressure	Tomo	A
(Min.)	(psig)	Temp (deg F)	Annotation
` ,	ν, ο,	, ,	
	(Min.)	(Min.) (psig)	(Min.) (psig) (deg F)

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GOCMW 20%g 14%o 6%m 60%w	0.89
0.00	Rw .13 ohms@54deg.	0.00
185.00	GOCMW 33%g 10%o 16%m 41%w	2.57
125.00	GOCWM 31%g 5%o 32%w 325M	1.75
165.00	OCGM 4%o 32%g 64%m	2.31

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mct/d)
0.75	26.00	631.04
0.38	5.00	71.07
0.50	27.00	279.27
	0.75 0.38	0.75 26.00 0.38 5.00

Printed: 2011.10.18 @ 09:16:25 Trilobite Testing, Inc. Ref. No: 44008



FLUID SUMMARY

Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th , Oklahoma City Ok.73162 Lone Wolf#1-18

Job Ticket: 44008

DST#:1

ATTN: Rick Popp

Test Start: 2011.10.16 @ 21:32:34

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: 87000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

Water Loss: 9.99 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 6800.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GOCMW 20%g 14%o 6%m 60%w	0.885
0.00	Rw .13 ohms@54deg.	0.000
185.00	GOCMW 33%g 10%o 16%m 41%w	2.568
125.00	GOCWM 31%g 5%o 32%w 325M	1.753
165.00	OCGM 4%o 32%g 64%m	2.315

Total Length: 655.00 ft Total Volume: 7.521 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-1

Laboratory Name: Caraway Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 44008 Printed: 2011.10.18 @ 09:16:25

Trilobite Testing, Inc

Ref. No:

44008

Printed: 2011.10.18 @ 09:16:26

Trilobite Testing, Inc

Ref. No: 44008

Printed: 2011.10.18 @ 09:16:26



Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th , Oklahoma City Ok.73162 Lone Wolf#1-18
Job Ticket: 44009

DST#: 2

ATTN: Rick Popp

Test Start: 2011.10.17 @ 09:36:14

GENERAL INFORMATION:

Formation: Viola

Interval:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:29 Time Test Ended: 19:11:44

5250.00 ft (KB) To 5270.00 ft (KB) (TVD)

Total Depth: 5472.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Straddle (Reset)

Tester: Gary Pevoteaux Unit No: 56

Reference Elevations: 2016.00 ft (KB)

2003.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8370 Outside

Press @ RunDepth: 48.34 psig @ 5251.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2011.10.17
 End Date:
 2011.10.17
 Last Calib.:
 2011.10.17

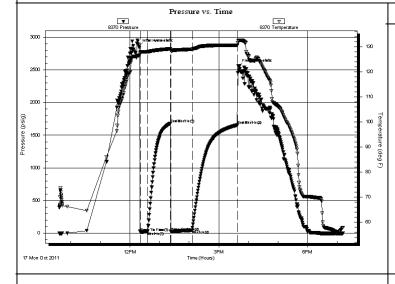
 Start Time:
 09:36:19
 End Time:
 19:11:44
 Time On Btm:
 2011.10.17 @ 12:17:44

 Time Off Btm:
 2011.10.17 @ 15:39:44

TEST COMMENT: IF:Strong blow . B.O.B. in 90 secs.

ISI:Weak blow . 1/2 - 2". FF:Strong blow . B.O.B. in 2 secs.

FSI:Weak blow . (surface) Dead in 15 mins.



PRESSURE S	SUMMARY
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Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2858.98	126.54	Initial Hydro-static
3	17.41	127.78	Open To Flow (1)
18	29.20	127.96	Shut-In(1)
65	1683.04	129.22	End Shut-In(1)
66	28.82	128.34	Open To Flow (2)
109	48.34	128.99	Shut-In(2)
200	1657.22	130.65	End Shut-In(2)
202	2556.61	132.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)	
95.00	GOCM 11%g 9%o 80%m	0.47	
0.00	1290 ft.of GIP	0.00	
* Recovery from multiple tests			

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 44009 Printed: 2011.10.18 @ 09:13:59



Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th , Oklahoma City Ok.73162 Lone Wolf#1-18

Job Ticket: 44009

Tester:

Unit No:

DST#: 2

ATTN: Rick Popp

Test Start: 2011.10.17 @ 09:36:14

56

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:29
Time Test Ended: 19:11:44

Interval: 5250.00 ft (KB) To 5270.00 ft (KB) (TVD)

Total Depth: 5472.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2016.00 ft (KB)

Test Type: Conventional Straddle (Reset)

Gary Pevoteaux

2003.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8167 Below (Straddle)

 Press@RunDepth:
 psig
 @
 5271.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2011.10.17 End Date: 2011.10.17 Last Calib.: 2011.10.17

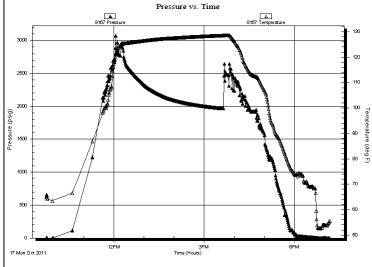
 Start Time:
 09:45:03
 End Time:
 19:10:28
 Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Strong blow . B.O.B. in 90 secs.

ISI:Weak blow . 1/2 - 2". FF:Strong blow . B.O.B. in 2 secs.

FSI:Weak blow . (surface) Dead in 15 mins.



Р	RESSUR	RE SUMMARY
CLIFO	Tomo	A prototion

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Tem				
Temperature (deg F)				
e (deg F				
9				

Recovery

Length (ft)	Description	Volume (bbl)		
95.00	GOCM 11%g 9%o 80%m	0.47		
0.00	1290 ft.of GIP	0.00		
* Recovery from multiple tests				

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 44009 Printed: 2011.10.18 @ 09:13:59



FLUID SUMMARY

Castelli Exploration Inc.

18-31s-16w Comanche K.

6908 N.W.112Th,

Lone Wolf#1-18

DST#: 2

Oklahoma City Ok.73162

Job Ticket: 44009

Serial #: none

D31#:2

ATTN: Rick Popp

Test Start: 2011.10.17 @ 09:36:14

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: 9000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

Water Loss: 15.19 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 9000.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	GOCM 11%g 9%o 80%m	0.467
0.00	1290 ft.of GIP	0.000

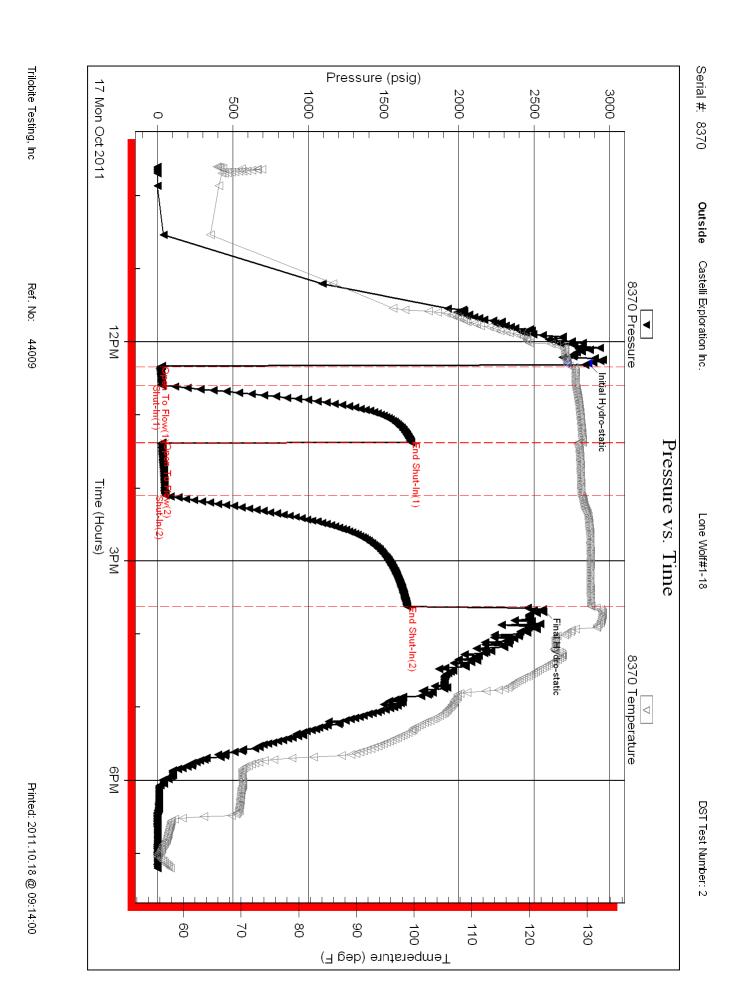
Total Length: 95.00 ft Total Volume: 0.467 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 44009 Printed: 2011.10.18 @ 09:14:00



Trilobite Testing, Inc

Ref. No.

44009

Printed: 2011.10.18 @ 09:14:00