

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33235
Name: Chieftain Oil Co., Inc
Address 1: PO Box 124
Address 2: _____
City: Kiowa State: KS Zip: 67070 + _____
Contact Person: Ron Molz
Phone: (620) 825-4030
CONTRACTOR: License # 33902
Name: Hardt Drilling, LLC
Wellsite Geologist: Arden Ratzlaff
Purchaser: American Pipeline
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SIOW _____
 Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
9-09-2009 9-19-2009 10-01-2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-23447-0000
Spot Description: _____
NE SW SW SW Sec. 3 Twp. 34 S. R. 11 East West
475 Feet from North / South Line of Section
360 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Diel Well #: 5
Field Name: Roundup South
Producing Formation: Mississippi
Elevation: Ground: 1350 Kelly Bushing: 1360
Total Depth: 5139 Plug Back Total Depth: 5110
Amount of Surface Pipe Set and Cemented at: 855 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH I NCR 4-2-10
(Data must be collected from the Reserve Pit)
Chloride content: 10000 ppm Fluid volume: 1500 bbls
Dewatering method used: Haul Off
Location of fluid disposal if hauled offsite: _____
Operator Name: Molz Oil Co., Inc.
Lease Name: Garner SWD License No.: 6006
Quarter NE Sec. 11 Twp. 33 S. R. 10 East West
County: Barber Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Secretary Date: 03/25/2010
Subscribed and sworn to before me this 25 day of March,
20 10.
Notary Public: Amanda Corr
Date Commission Expires: 4/11/2011
NOTARY PUBLIC - State of Kansas
AMANDA CORR
My Appt. Expires 4/11/2011

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 29 2010

Operator Name: Chieftain Oil Co., Inc Lease Name: Diel Well #: 5
 Sec. 3 Twp. 34 S. R. 11 East West County: Barber

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray Dual Induction Compensated Neutron Density Sonic Bond Geological	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3600</td> <td>-2240</td> </tr> <tr> <td>Base Kansas City</td> <td>4338</td> <td>-2978</td> </tr> <tr> <td>Cherokee</td> <td>4492</td> <td>-3132</td> </tr> <tr> <td>Mississippian</td> <td>4530</td> <td>-3170</td> </tr> <tr> <td>Viola</td> <td>4859</td> <td>-3499</td> </tr> <tr> <td>Simpson</td> <td>4953</td> <td>-3593</td> </tr> <tr> <td>Total Depth</td> <td>5139</td> <td>-3779</td> </tr> </table>	Name	Top	Datum	Heebner	3600	-2240	Base Kansas City	4338	-2978	Cherokee	4492	-3132	Mississippian	4530	-3170	Viola	4859	-3499	Simpson	4953	-3593	Total Depth	5139	-3779
Name	Top	Datum																							
Heebner	3600	-2240																							
Base Kansas City	4338	-2978																							
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Mississippian	4530	-3170																							
Viola	4859	-3499																							
Simpson	4953	-3593																							
Total Depth	5139	-3779																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
Surface	10-3/4	8-5/8	24#	855	60/40 Poz	475	2% Salt
Production	7-7/8	5-1/2	15.5#	5139	Common	200	Gas Block 2% Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4514-4520, 4532-4540, 4548-4560	1000 Gal 7-1/2% Acid	4514-4560
		1500 Gal 15% Acid	4514-4560
		Frac 248000# Sand	4514-4560
		14000 BBLS Slick Water Frac	4514-4560

TUBING RECORD:	Size: <u>2-7/8</u>	Set At: <u>4600</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>12/1/2009</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbbs. <u>60</u>	Gas Mcf <u>100</u>	Water Bbbs. <u>150</u>	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: RECEIVED KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS MAR 29 2010
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSERVATION DIVISION
WICHITA, KS



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 119974
 Invoice Date: Sep 10, 2009
 Page: 1

ENTERED
 SEP 21 2009
 9121 BC

Bill To
Chieftain Oil Company Inc. P O Box 124 Kiowa, KS 67070-0124

Customer ID	Well Name # or Customer P.O.	Payment Terms	
Chief	Diel #5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Sep 10, 2009	10/10/09

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
21.00	MAT	Chloride	51.50	1,081.50
475.00	MAT	ALW Class A	12.70	6,032.50
118.00	MAT	Flo Seal	2.45	289.10
312.00	SER	Handling	2.40	748.80
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Surface	991.00	991.00
5.00	SER	Pump Truck Mileage	7.00	35.00
1.00	EQP	Rubber Plug	113.00	113.00
1.00	EQP	Basket	203.00	203.00
1.00	EQP	AFU Insert	200.00	200.00

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

~~9121 BC~~

ONLY IF PAID ON OR BEFORE

Oct 10, 2009

Subtotal	12,079.65
Sales Tax	630.31
Total Invoice Amount	12,709.96
Payment/Credit Applied	
TOTAL	12,709.96

4831.86
 7878.10

ALLIED CEMENTING CO., LLC. 34393

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge
9-11-09 9-11-09

DATE <i>9-10-09</i>	SEC <i>3</i>	TWP. <i>34S</i>	RANGE <i>11W</i>	CALLED OUT <i>10:00pm</i>	ON LOCATION <i>11:00pm</i>	JOB START <i>1:00am</i>	JOB FINISH <i>2:00am</i>
LEASE <i>Diel</i>		WELL # <i>5</i>		LOCATION <i>28 1/2 Gelsene, 1 E, 3S, E/70 Rig.</i>		COUNTY <i>Barber</i>	STATE <i>KS</i>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR *Hardt*
TYPE OF JOB *Surface*
HOLE SIZE *17 1/2 12 1/4* T.D. *300, 860*
CASING SIZE *8 5/8 2 1/4* DEPTH *857*
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX *1000* MINIMUM *100*
MEAS. LINE SHOE JOINT *39'*
CEMENT LEFT IN CSG. *39'*
PERFS.
DISPLACEMENT *52 1/4 Bbls Fresh Water*

OWNER *Cheifren*
CEMENT
AMOUNT ORDERED *475 SX 165 3S, 60 380cc + 4# Flo Seal 150 SX A + 380cc + 280 Gel*

EQUIPMENT
PUMP TRUCK CEMENTER *Greg G.*
414-302 HELPER *Mark C*
BULK TRUCK
3104 DRIVER *Scott P*
BULK TRUCK
363 DRIVER *Darin F.*

COMMON <i>A 150 SX</i>	@	<i>13.50</i>	<i>2025.00</i>
POZMIX	@		
GEL <i>3 SX</i>	@	<i>20.25</i>	<i>60.75</i>
CHLORIDE <i>21 SX</i>	@	<i>51.50</i>	<i>1081.50</i>
ASC	@		
<i>ALW 475 SX</i>	@	<i>12.70</i>	<i>6032.50</i>
<i>Flo Seal 118</i>	@	<i>2.45</i>	<i>289.10</i>
	@		
	@		
	@		
	@		
	@		
HANDLING <i>312</i>	@	<i>2.40</i>	<i>748.80</i>
MILEAGE <i>312 / 5 / .10</i>		<i>Min /</i>	<i>300.00</i>
TOTAL			<i>10,537.65</i>

REMARKS:

Pipe on bottom block cementation, Pump 3 Bbls Fresh, Pump Cement, 475 SX + Additives, 150 SX + Additives, Stop pumps, wash pump lines, start dip, see log, slow hole, bump plug, float held, cement circulated to surface, Dip with 52 1/4 Bbls Fresh Water.

SERVICE

DEPTH OF JOB <i>857'</i>		
PUMP TRUCK CHARGE		<i>997.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>5</i>	@	<i>7.00 35.00</i>
MANIFOLD	@	
	@	
	@	

CHARGE TO: *Cheifren*
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL *1026.00*

8 5/8 PLUG & FLOAT EQUIPMENT

<i>Rubber Plug</i>	1 @	<i>113.00</i>
<i>Basket</i>	1 @	<i>203.00</i>
<i>AFV Insert</i>	1 @	<i>200.00</i>
	@	
	@	

TOTAL *516.00*

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS _____

PRINTED NAME *Scott Adelhara*
SIGNATURE *Scott Adelhara*

** THANK YOU **



PAGE	CUST NO	INVOICE DATE
1 of 2	1000719	09/22/2009
INVOICE NUMBER		
1718 - 90131276		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN:

J LEASE NAME Diel 5
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS		DUE DATE	
40094260	20920		Net - 30 days		10/22/2009	
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 09/20/2009 to 09/20/2009						
0040094260						
171800756A Cement-New Well Casing/Pi 09/20/2009						
Cement			200.00	EA	9.35	1,870.00 T
AA2 Cement						
Cement			50.00	EA	6.60	330.00 T
60/40 POZ						
Additives			38.00	EA	2.20	83.60 T
De-foamer(Powder)						
Additives			1,038.00	EA	0.28	285.45 T
Salt(Fine)						
Additives			188.00	EA	2.83	532.51 T
Gas-Blok						
Additives			149.00	EA	4.12	614.62 T
FLA-322						
Additives			1,000.00	EA	0.37	368.50 T
Gilsonite						
Additives			5.00	EA	19.25	96.25 T
CS-1L, KCL Substitute						
Additives			500.00	EA	0.47	236.50 T
Mud Flush						
Additives			500.00	EA	0.84	420.75 T
Super Flush II						
Cement Float Equipment			1.00	EA	220.00	220.00
Latch Down Plug & Baffle, 5 1/2" (Blue)						
Cement Float Equipment			1.00	EA	198.00	198.00
Auto Fill Float Shoe 5 1/2" (Blue)						
Cement Float Equipment			7.00	EA	60.50	423.50
Turbolizer, 5 1/2" (Blue)						
Cement Float Equipment			2.00	EA	159.50	319.00
5 1/2" Basket(Blue)						
Mileage			90.00	MI	3.85	346.50
Heavy Equipment Mileage						
Mileage			520.00	MI	0.88	457.60

ENTERED
 OCT 09 2009
 91218

9223⁰³



Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN:

PAGE	CUST NO	INVOICE DATE
2 of 2	1000719	09/22/2009
INVOICE NUMBER		
1718 - 90131276		

J LEASE NAME Diel 5
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE		
40094260	20920			Net - 30 days	10/22/2009		
				QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Proppant and Bulk Delivery Charge							
Mileage				250.00	MI	0.77	192.50
Blending & Mixing Service Charge							
Pickup				45.00	HR	2.34	105.19
Unit Mileage Charge-Pickups, Vans & Cars							
Pump Charge-Hourly				1.00	HR	1,584.00	1,584.00
Depth Charge; 5001'-6000'							
Cementing Head w/Manifold				1.00	EA	137.50	137.50
Plug Container Utilization Charge							
Supervisor				1.00	HR	96.25	96.25
Service Supervisor							
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		SUB TOTAL		8,918.22	
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		TAX		304.81	
PO BOX 841903		PO BOX 10460		INVOICE TOTAL		9,223.03	
DALLAS, TX 75284-1903		MIDLAND, TX 79702					



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

FIELD SERVICE TICKET
1718 0756 A

DATE _____ TICKET NO. COUT

DATE OF JOB <u>09-20-09</u> DISTRICT <u>PRATT</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Chilton Oil Co.</u>		LEASE <u>Dial</u> S WELL NO.:							
ADDRESS _____		COUNTY <u>BARBER</u> STATE <u>KS</u>							
CITY _____ STATE _____		SERVICE CREW <u>Sullivan, Shultz, & McGraw</u>							
AUTHORIZED BY _____		JOB TYPE: <u>cnw 5" hole string</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
							<u>9-20-09</u>		<u>1:30</u>
						ARRIVED AT JOB		AM	<u>0200</u>
						START OPERATION		AM	<u>0930</u>
						FINISH OPERATION		AM	<u>0920</u>
						RELEASED	<u>9-20-09</u>	AM	<u>0945</u>
						MILES FROM STATION TO WELL			<u>45</u>

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: B.J. Schneider
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AN-2 cont	SK	200		3,400 00
CP 103	Water per	SK	50		600 00
CC 105	Defoam	lb	38		152 00
CC 111	Salt	lb	1,038		519 00
CC 115	gas-blok	lb	198		968 20
CC 129	FlA-322	lb	149		1,117 50
CC 201	gal sand	lb	1,000		670 00
C 704	gal KCL	gal	5		175 00
CC 151	muo-fluor	gal	500		430 00
CC 155	Super Fluor II	gal	500		765 00
CP 105	Water	BA	1		400 00
CF 1251	Airta 710 steel insert	EA	1		360 00
CF 1651	Fluorobrom	EA	7		770 00
CF 1901	Basket	PA	2		580 00
C 101	Heavy Ecol mud	cu	90		630 00
C 113	Bulk Debrum	cu	520		832 00
C 100	Quatern mud	cu	45		191 25
CE 240	R-Link x many change	SK	250		350 00
SC03	Sealant Super	EA	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL			
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE Robert J. [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

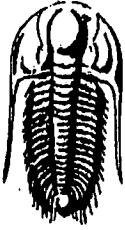
TREATMENT REPORT

Customer <i>Chietain Oil Co.</i>	Lease No.	Date <i>09-20-09</i>
Lease <i>Deer</i>	Well # <i>#5</i>	
Field Order # <i>0756</i>	Station <i>PRA TT</i>	Casing <i>5 1/2</i>
Type Job <i>CNW 5 1/2 L.S.</i>	Formation	Depth <i>5138'</i>
		County <i>BARBER</i>
		State <i>KS</i>
		Legal Description <i>3-34-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad	Max			5 Min.
Depth <i>5138</i>	Depth	From	To	Pad	Min			10 Min.
Volume <i>122</i>	Volume	From	To	Frac	Avg			15 Min.
Max Press <i>2000</i>	Max Press	From	To		HHP Used			Annulus Pressure
Well Connection <i>PC</i>	Annulus Vol.	From	To	Flush	Gas Volume			Total Load
Plug Depth <i>5116</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
Service Units <i>19867 19959 20920 19826 19860</i>		
Driver Names <i>Sullivan Shields M. McGraw</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0700 Am</i>					<i>on for safety meeting</i>
					<i>Run 128 5.5 5 1/2 15" CSS.</i>
					<i>Backd 2, 11. Cont. 3, 5, 8, 13, 14, 15, 17</i>
<i>0720</i>					<i>CASING ON BOTTOM</i>
<i>0730</i>					<i>Hook Dip To CIRC</i>
<i>0830</i>	<i>200</i>		<i>12</i>		<i>At MID FLUSH</i>
			<i>3</i>	<i>5</i>	<i>At SPACER</i>
			<i>12</i>		<i>At SUPER FLUSH II</i>
			<i>3</i>		<i>At SPACER</i>
			<i>51</i>	<i>5</i>	<i>MIX AND SK HA-2 CONT</i>
<i>0850</i>			<i>3</i>		<i>SHUT DOWN & WORK PUMP LINES</i>
<i>0852</i>					<i>Release Plug A At DEEP</i>
	<i>250</i>		<i>88</i>	<i>45</i>	<i>lift PSI</i>
	<i>500</i>			<i>3</i>	<i>Slow Rate</i>
<i>0915</i>	<i>2000</i>		<i>122</i>		<i>Plug down & Hold Hold</i>
<i>0920</i>			<i>7</i>	<i>2</i>	<i>Plug R.H w/ 30 sk cont 60/sk per</i>
					<i>job complete</i>
					<i>Thank you</i>



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chieftain Oil Company, Inc.

Diel # 5

605 S. 6th P.O.Box 124
Kiowa, Kansas 67070

3 34s 11w Barber KS

Job Ticket: 36480

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2009.09.16 @ 15:37:40

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: **No Whipstock**

ft (KB)

Time Tool Opened: 17:57:10

Time Test Ended: 00:05:40

Interval: **4405.00 ft (KB) To 4476.00 ft (KB) (TVD)**

Total Depth: **4476.00 ft (KB) (TVD)**

Hole Diameter: **7.88 Inches** Hole Condition: Fair

RECEIVED

KANSAS CORPORATION COMMISSION

MAR 29 2010

CONSERVATION DIVISION
WICHITA, KS

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Reference Elevations: 1360.00 ft (KB)

1350.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **6798**

Inside

Press@RunDepth: **44.23 psig @ 4417.00 ft (KB)**

Capacity: 8000.00 psig

Start Date: 2009.09.16

End Date:

2009.09.17

Last Calib.: 2009.09.17

Start Time: 15:37:41

End Time:

00:05:40

Time On Btrr: 2009.09.16 @ 17:54:40

Time Off Btrr: 2009.09.16 @ 21:41:40

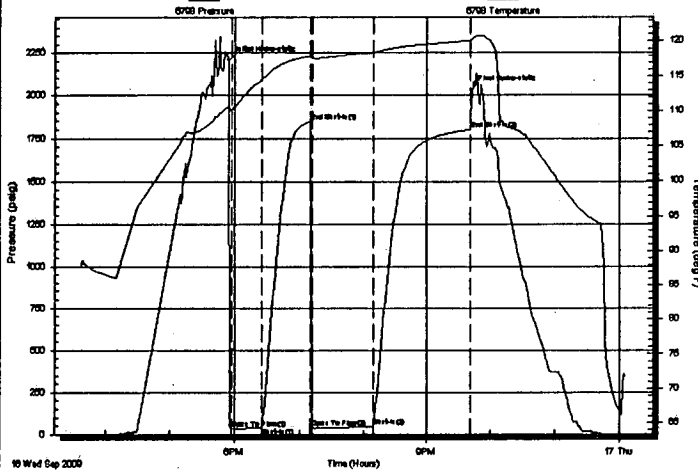
TEST COMMENT: IF: Strong blow. B.O.B. in 1 min.

IS: No blow.

FF: Very strong blow. B.O.B. immediately. GTS in 1 min. (see gas flow report.)

FS: No blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.60	110.74	Initial Hydro-static
3	33.04	110.16	Open To Flow (1)
31	39.81	114.50	Shut-In (1)
76	1848.57	117.88	End Shut-In (1)
78	40.40	117.54	Open To Flow (2)
135	44.23	118.33	Shut-In (2)
226	1799.71	120.14	End Shut-In (2)
227	2028.88	120.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	VSGCM 2%g 98%fm	0.30
0.00	4329' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.50	29.98
Last Gas Rate	0.25	9.00	37.12
Max. Gas Rate	0.25	9.00	37.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Company, Inc.
605 S. 6th P.O.Box 124
Kowa, Kansas 67070
ATTN: Arden Ratzlaff

Diel # 5
3 34s 11w Barber KS
Job Ticket: 36480 **DST#: 1**
Test Start: 2009.09.16 @ 15:37:40

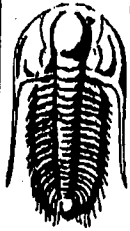
Tool Information

Drill Pipe:	Length: 4270.00 ft	Diameter: 3.80 inches	Volume: 59.90 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 60.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4405.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4387.00	
Hydraulic tool	5.00			4392.00	
Safety Joint	3.00			4395.00	
Packer	5.00			4400.00	23.00 Bottom Of Top Packer
Packer	5.00			4405.00	
Stubb	1.00			4406.00	
Perforations	10.00			4416.00	
Change Over Sub	1.00			4417.00	
Recorder	0.00	6798	Inside	4417.00	
Recorder	0.00	8367	Inside	4417.00	
Blank Spacing	31.00			4448.00	
Change Over Sub	1.00			4449.00	
Perforations	24.00			4473.00	
Bullnose	3.00			4476.00	71.00 Bottom Packers & Anchor
Total Tool Length:	94.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Company, Inc.

Diel # 5

605 S. 6th P.O.Box 124
Kiowa, Kansas 67070

3 34s 11w Barber KS

Job Ticket: 36480

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2009.09.16 @ 15:37:40

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 10.36 in³

Resistivity: 0.00 ohm.m

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	VSGCM 2%g 98%m	0.305
0.00	4329' GIP	0.000

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

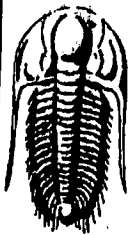
Num Gas Bombs: 1

Serial #: GA-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Chieftain Oil Company, Inc.

Diel # 5

605 S. 6th P.O.Box 124
Kiowa, Kansas 67070

3 34s 11w Barber KS

Job Ticket: 36480

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2009.09.16 @ 15:37:40

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	4.50	29.98
2	10	0.25	4.50	29.98
2	20	0.25	6.00	32.36
2	30	0.25	7.00	33.95
2	40	0.25	8.00	35.54
2	50	0.25	9.00	37.12