

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL
ORIGINAL

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

RECEIVED

OCT 08 2010

KCC WICHITA

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: Coffeville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>3-16-2010</u>	<u>3-28-2010</u>	<u>5-14-2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-23519-000q
Spot Description: _____
SW NE NE NW Sec. 34 Twp. 34 S. R. 10 East West
340 Feet from North / South Line of Section
2,300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Dale Well #: 1
Field Name: N/A
Producing Formation: Mississippi
Elevation: Ground: 1312 Kelly Bushing: 1322
Total Depth: 5383 Plug Back Total Depth: 5350
Amount of Surface Pipe Set and Cemented at: 332 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

(Data must be collected from the Reserve Pit)

Chloride content: 10000 ppm Fluid volume: 1200 bbls
Dewatering method used: Haul Off
Location of fluid disposal if hauled offsite:
Operator Name: Molz Oil Co., Inc.
Lease Name: Garner SWD License #: 6006
Quarter NE Sec. 11 Twp. 33 S. R. 10 East West
County: Barber Permit #: _____

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.

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.

Signature: [Signature]
Title: Secretary Date: 10/7/2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 10/14/10

Operator Name: Chieftain Oil Co., Inc Lease Name: Dale Well #: 1
 Sec. 34 Twp. 34 S. R. 10 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray Dual Induction Compensated Neutron Density Geologic Sonic Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3603</td> <td>-2281</td> </tr> <tr> <td>Base Kansas City</td> <td>4419</td> <td>-3097</td> </tr> <tr> <td>Cherokee</td> <td>4590</td> <td>-3268</td> </tr> <tr> <td>Mississippian</td> <td>4699</td> <td>-3377</td> </tr> <tr> <td>Viola</td> <td>5114</td> <td>-3792</td> </tr> <tr> <td>Simpson</td> <td>5206</td> <td>-3884</td> </tr> <tr> <td>Total Depth</td> <td>5383</td> <td>-4061</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3603	-2281	Base Kansas City	4419	-3097	Cherokee	4590	-3268	Mississippian	4699	-3377	Viola	5114	-3792	Simpson	5206	-3884	Total Depth	5383	-4061
Name	Top	Datum																							
Heebner	3603	-2281																							
Base Kansas City	4419	-3097																							
Cherokee	4590	-3268																							
Mississippian	4699	-3377																							
Viola	5114	-3792																							
Simpson	5206	-3884																							
Total Depth	5383	-4061																							

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#	332	60/40 Poz	275	2% Salt
Production	7-7/8	5-1/2	15.5#	5377	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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4708-4714	1000 Gal 7-1/2% Acid	4708-4714

TUBING RECORD:	Size: <u>2-7/8</u>	Set At: <u>4750</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/1/2010</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 Bbls. <u>20</u>	Gas Mcf <u>50</u>	Water Bbls. <u>40</u>	Gas-Oil Ratio

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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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PAGE 1 of 1	INVOICE NO 1000719	INVOICE DATE 03/19/2010
INVOICE NUMBER 1718 - 90272097		

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

J LEASE NAME Dale 1
 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		
40161801	19905		Net - 30 days	04/18/2010		
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 03/17/2010 to 03/17/2010</i>						
0040161801						
171801515A Cement-New Well Casing/Pi 03/17/2010 CNW-8 5/8" Surface						
Cement			275.00	EA	5.40	1,484.99 T
60/40 POZ						
Additives			69.00	EA	1.67	114.89 T
Cello-flake						
Calcium Chloride			711.00	EA	0.47	335.95 T
Calcium Chloride						
Cement Float Equipment			1.00	EA	72.00	72.00
Wooden Cement Plug						
Mileage			100.00	MI	3.15	315.00
Heavy Equipment Mileage						
Mileage			593.00	MI	0.72	426.96
Proppant & Bulk Delivery Charges						
Mileage			275.00	MI	0.63	173.25
Blending & Mixing Service Charge						
Pickup			50.00	HR	1.91	95.63
Unit Mileage Charge-Pickups, Vans & Cars						
Pump Charge-Hourly			1.00	HR	450.00	450.00
Depth Charge; 0-500'						
Cementing Head w/Manifold			1.00	EA	112.50	112.50
Plug Container Utilization Charge						
Supervisor			1.00	HR	78.75	78.75
Service Supervisor						

ENTERED
 APR 01 2010
 9121BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,659.92
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	121.96
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	3,781.88
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Customer <i>CHIEFTON OIL CO.</i>	Lease No.	Date <i>03-17-10</i>	
Lease <i>DALE</i>	Well # <i>1</i>		
Field Order # <i>1515</i>	Station <i>PRATT</i>	Casing <i>8 5/8</i>	Depth <i>332</i>
Type Job <i>CNW 8 5/8 SURFACE</i>	Formation	County <i>BARBER</i>	State <i>KS</i>
		Legal Description <i>34-24-10</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>				Pre Pad	Max		5 Min.	
Depth <i>332</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>20</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>317</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
-------------------------	--------------------------------------	-----------------------------------

Service Units	<i>19907</i>	<i>19903</i>	<i>19905</i>	<i>19960</i>	<i>19978</i>				
Driver Names	<i>Sullivan</i>	<i>Wpatch</i>		<i>NALL</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0800</i>					<i>ON to Soft moly</i>
					<i>Run 8 5/8" 24 8 5/8 csg.</i>
<i>0810</i>					<i>CASING ON BOTTOM</i>
<i>0855</i>					<i>Hook Rig to Circ</i>
<i>0905</i>	<i>150</i>		<i>2</i>		<i>At Splice</i>
				<i>4.5</i>	<i>max cont 275 sk 2 1/4" 2 1/4" 3 1/2" 4"</i>
			<i>61</i>		<i>Shut down</i>
				<i>4</i>	<i>Release Plug @ String Disp</i>
<i>0920</i>			<i>20</i>		<i>Plug down</i>
					<i>circ to BRC cont to pit</i>
					<i>Job Complete</i>
					<i>Thank you</i>



RECEIVED
OCT 08 2010
KCC WICHITA

PAGE 1 of 2	CUST NO 1000719	INVOICE DATE 03/30/2010
INVOICE NUMBER 1718 - 90279794		

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

J LEASE NAME Dale 1
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
40165622	20920		Net - 30 days	04/29/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 03/29/2010 to 03/29/2010</i>				
0040165622				
171801525A Cement-New Well Casing/Pi 03/29/2010				
5 1/2" Longstring				
Cement	200.00	EA	9.52	1,904.00 T
AA2 Cement	30.00	EA	6.72	201.60 T
Cement	38.00	EA	2.24	85.12 T
60/40 POZ	1,038.00	EA	0.28	290.64 T
Additives	188.00	EA	2.88	542.19 T
De-foamer (Powder)	149.00	EA	4.20	625.80 T
Additives	1,000.00	EA	0.38	375.20 T
Salt (Fine)	5.00	EA	19.60	98.00 T
Additives	500.00	EA	0.48	240.80 T
CS-1L, KCL Substitute	500.00	EA	0.86	428.40 T
Additives	1.00	EA	224.00	224.00 T
Mud Flush	1.00	EA	201.60	201.60 T
Additives	7.00	EA	61.60	431.20 T
Super Flush II	2.00	EA	162.40	324.80 T
Cement Float Equipment	5 1/2" Basket (Blue)	2.00	162.40	324.80 T
Latch Down Plug & Baffle, 5 1/2" (Blue)	100.00	MI	3.92	392.00 T
Cement Float Equipment				
Auto Fill Float Shoe 5 1/2" (Blue)				
Cement Float Equipment				
Turbolizer, 5 1/2" (Blue)				
Cement Float Equipment				
5 1/2" Basket (Blue)				
Mileage				
Heavy Equipment Mileage				

ENTERED
APR 02 2010
9/21/02

9296⁷¹



PAGE 2 of 2	CUST NO 1000719	INVOICE DATE 03/30/2010
INVOICE NUMBER 1718 - 90279794		

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

J LEASE NAME Dale 1
 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		
40165622	20920			Net - 30 days	04/29/2010		
				QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Mileage				535.00	MI	0.90	479.36
Proppant and Bulk Delivery Charges							
Mileage				230.00	MI	0.78	180.32
Blending & Mixing Service Charge							
Pickup				50.00	HR	2.38	119.00
Unit Mileage Charge-Pickups, Vans & Cars							
Supervisor				1.00	HR	98.00	98.00
Service Supervisor							
Pump Charge-Hourly				1.00	HR	1,612.80	1,612.80
Depth Charge; 5001-6000'							
Cementing Head w/Manifold				1.00	EA	140.00	140.00
Plug Container Utilization Charge							

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,994.83
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	301.88
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,296.71
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

BASIC ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

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



FIELD SERVICE TICKET

1718 1525 A

DATE _____ TICKET NO. CONT.

DATE OF JOB: <u>03-29-10</u> DISTRICT: <u>PRA TT</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>CHIEFTAIN OIL CO.</u>		LEASE: <u>DALE</u> WELL NO. <u>1</u>						
ADDRESS:		COUNTY: <u>BARBER</u> STATE: <u>KS</u>						
CITY: _____ STATE: _____		SERVICE CREW: <u>Sullivan, Molson, Phye</u>						
AUTHORIZED BY: _____		JOB TYPE: <u>CNW 5 1/2 LONGSTAMP</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<u>1996/1991G</u>	<u>45</u>						<u>3-29-10</u>	<u>AM 730</u>
<u>1996/1991G</u>	<u>45</u>					ARRIVED AT JOB	<u>3-29-10</u>	<u>AM 0500</u>
						START OPERATION		<u>AM 1105</u>
						FINISH OPERATION		<u>AM 1150</u>
						RELEASED	<u>3-29-10</u>	<u>AM 1230</u>
						MILES FROM STATION TO WELL		<u>50</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: RM

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 amt	SK	200		3,400.00
CP 103	60/40 no 2	SK	30		360.00
CC 105	De 90mex	lb	38		152.00
CC 111	SALT	lb	1,039		519.00
CC 115	gms Blok	lb	188		968.20
CC 129	FLA. 322	lb	149		1,117.50
CC 201	gilsonite	lb	1,000		670.00
C 204	KEL	gal	5		175.00
CC 131	Mud Fluid	gal	500		430.00
CC 155	Supo. Fluid	gal	500		765.00
CF 1007	Latex down plug & Baffle 5 1/2	SA	1		400.00
CF 1251	Flux shoe	SA	1		360.00
CF 1051	Tubing	SA	7		770.00
CF 1901	RA 1/2	SK	2		580.00
C 101	Heavy eqmt miliga	mi	100		700.00
E 113	Bulk Deter	gal	535		856.00
E 100	partup onla	mi	50		212.50
E 240	Blendy - mixing	SK	230		322.10
E 003	Screen Expansion	SA	1		175.00
SUB TOTAL					<u>DLS</u>

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: [Signature]

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

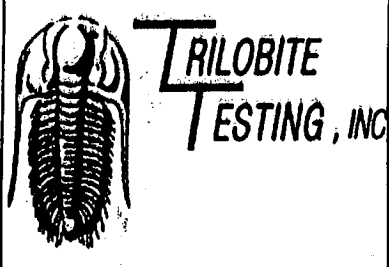
FIELD SERVICE ORDER NO.

Customer CHIEFTAIN OIL CO.	Lease No.	Date 03-29-10
Lease DALE	Well # 1	
Field Order # 1525	Station PRATT	Casing 5 1/2
		Depth 5379'
Type Job CNW 5 1/2 long string	Formation	County BALCON
		State KS
		Legal Description 34-34-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2								5 Min.
Depth 5379'	Depth	From	To	Pre Pad	Max			10 Min.
Volume 127 1/2	Volume	From	To	Pad	Min			15 Min.
Max Press 2,000	Max Press	From	To	Frac	Avg			
Well Connection P.C	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 5358'	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Johnson							
Service Units	19867	19759	20920	19960	19916				
Driver Names	Sullivan	Melso		Phyc					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					on loc Sotty muddy
					Run 129 5.75 5 1/2 15.5 csg.
					Two baskets - 7 connections
					cir csg 1/2 way & 1/2 hr.
0950					CASING ON BOTTOM
1000					Hook Rig to circ
1105	300		12	4	1st mud flush
			3		1st spacer
			12	4	1st Super Flush
			3		1st spacer
				5 1/2	mix cont 200sk Air-ent cont
			51		cont mixed shut down with pump/line
1125	200			6 1/2	Release Plug @ 1st Down
	400		92		lift Psi
	500			4	Slow Rate
1150	2,000		127 1/2	3	Plug down
			6		Plug R.H
					Plug M.H
					P.C Complete
					Thank you



DRILL STEM TEST REPORT

KCC WICHITA

Chieftain Oil Company
 P.O. Box 124
 Kiowa, KS 67070-1912
 ATTN: Arden Ratzlaff

DALE #1
 34-34s-10w Barber KS
 Job Ticket: 36258 DST#: 1
 Test Start: 2010.03.25 @ 12:15:00

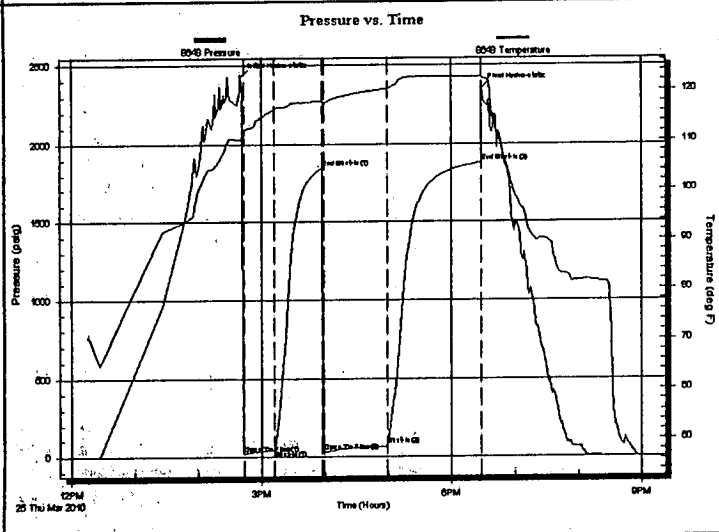
GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:43:10
 Time Test Ended: 20:57:10
 Interval: 4705.00 ft (KB) To 4724.00 ft (KB) (TVD)
 Total Depth: 4724.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Reference Elevations: 1320.00 ft (KB)
 1312.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 69.02 psig @ 4706.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.03.25 End Date: 2010.03.25 Last Calib.: 2010.03.25
 Start Time: 12:15:05 End Time: 20:57:09 Time On Btm: 2010.03.25 @ 14:40:00
 Time Off Btm: 2010.03.25 @ 18:28:20

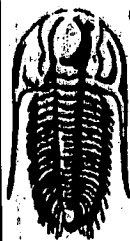
TEST COMMENT: IF: Fairly strong blow, built to BOB in 7 minutes.
 IS: Bled off, no blow back.
 FF: Strong blow, built to BOB in 10 seconds.
 FS: Bled off, no blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.19	110.20	Initial Hydro-static
4	18.80	111.36	Open To Flow (1)
32	43.75	116.31	Shut-In(1)
78	1845.89	118.03	End Shut-In(1)
79	32.17	117.08	Open To Flow (2)
139	69.02	120.35	Shut-In(2)
228	1879.98	122.67	End Shut-In(2)
229	2352.42	122.68	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	HGC M&WCO 30%g10%m20%w 50%o	0.30
60.00	GC M&WCO 15%g20%m20%w 45%o	0.30
30.00	G&WCMO 10%g10%w 40%m40%o	0.38
0.00	3400' GAS IN PIPE	0.00
0.00	52,000 ppm chlorides	0.00

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Company
P.O. Box 124
Kiowa, KS 67070-1912
ATTN: Arden Ratzlaff

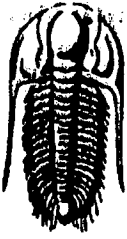
DALE #1
34-34s-10w Barber KS
Job Ticket: 36258 DST#: 1
Test Start: 2010.03.25 @ 12:15:00

Tool Information

Drill Pipe:	Length: 4578.00 ft	Diameter: 3.80 inches	Volume: 64.22 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 64.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4705.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4687.00	
Hydraulic tool	5.00			4692.00	
Safety Joint	3.00			4695.00	
Packer	5.00			4700.00	23.00 Bottom Of Top Packer
Packer	5.00			4705.00	
Stubb	1.00			4706.00	
Recorder	0.00	8648	Inside	4706.00	
Recorder	0.00	6799	Outside	4706.00	
Perforations	13.00			4719.00	
Bullnose	5.00			4724.00	19.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Company
P.O. Box 124
Kiowa, KS 67070-1912

ATTN: Arden Ratzlaff

DALE #1
34-34s-10w Barber KS
Job Ticket: 36258 DST#: 1
Test Start: 2010.03.25 @ 12:15:00

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:	52000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HGC M&WCO 30%g10%m20%w 50%o	0.295
60.00	GC M&WCO 15%g20%m20%w 45%o	0.295
30.00	G&WCMO 10%g10%w 40%m40%o	0.375
0.00	3400' GAS IN PIPE	0.000
0.00	52,000 ppm chlorides	0.000

Total Length: 150.00 ft Total Volume: 0.965 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

