

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

ORIGINAL

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 # 33789
Name: D & B Drilling, LLC
Wellsite Geologist: Arden Ratzlaff
Purchaser: West Wichita Gas Gathering

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SLOW _____
 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.: _____
06/25/2008 07/07/2008 08/06/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-23301-0000

Spot Description: _____
SE NW NE NE Sec. 33 Twp. 32 S. R. 10 East West
508 Feet from North / South Line of Section
822 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Barber
Lease Name: Inslee Well #: 2
Field Name: N/A

Producing Formation: Mississippi
Elevation: Ground: 1461 Kelly Bushing: 1473
Total Depth: 4935 Plug Back Total Depth: 4888
Amount of Surface Pipe Set and Cemented at: 331 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 NR 9-24-09
(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: [Handwritten Signature]
Title: Secretary Date: 09/10/2009
Subscribed and sworn to before me this 10 day of September,
20 09.
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

Operator Name: Chieftain Oil Co., Inc Lease Name: Inslee Well #: 2
 Sec. 33 Twp. 32 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 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: <input checked="" type="checkbox"/> 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>3480</td> <td>-2007</td> </tr> <tr> <td>Lansing</td> <td>3710</td> <td>-2237</td> </tr> <tr> <td>Cherokee</td> <td>4385</td> <td>-2912</td> </tr> <tr> <td>Mississippian</td> <td>4436</td> <td>-2963</td> </tr> <tr> <td>Viola</td> <td>4734</td> <td>-3261</td> </tr> <tr> <td>Simpson</td> <td>4818</td> <td>-3345</td> </tr> <tr> <td>Total Depth</td> <td>4935</td> <td>-3462</td> </tr> </table>	Name	Top	Datum	Heebner	3480	-2007	Lansing	3710	-2237	Cherokee	4385	-2912	Mississippian	4436	-2963	Viola	4734	-3261	Simpson	4818	-3345	Total Depth	4935	-3462
Name	Top	Datum																							
Heebner	3480	-2007																							
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Viola	4734	-3261																							
Simpson	4818	-3345																							
Total Depth	4935	-3462																							

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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#	331	60/40 Poz	225	2% Salt
Production	7-7/8	5-1/2	15.5#	4922	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	4446-4456	4464-4480	1000 Gal 7-1/2% Acid	4446-4480
			1500 Gal 15% Acid	
			Frac 170000# Sand	
			7000 BBLS Slick Water	

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4525</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>01/01/2009</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 Bbls. <u>10</u>	Gas Mcf <u>110</u>	Water Bbls. <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: _____ _____
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INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (785) 483-3887
 Fax: (785) 483-5566

Invoice Number: 114772
 Invoice Date: Jun 30, 2008
 Page: 1

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	Inslee #2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1	Medicine Lodge	Jun 26, 2008	7/30/08

Quantity	Item	Description	Unit Price	Amount
135.00	MAT	Class A Common	15.45	2,085.75
90.00	MAT	Pozmix	8.00	720.00
4.00	MAT	Gel	20.80	83.20
7.00	MAT	Chloride	58.20	407.40
25.00	MAT	Sugar	1.27	31.75
236.00	SER	Handling	2.40	566.40
1.00	SER	Minimum Handling Mileage Charge	312.00	312.00
1.00	SER	Surface	1,018.00	1,018.00
33.00	SER	Extra Footage	0.85	28.05
11.00	SER	Mileage Pump Truck	7.00	77.00
1.00	SER	Head Rental	113.00	113.00
1.00	EQP	Wooden Plug	68.00	68.00

ENTERED

JUL 07 2008

~~930480~~

9121 BC

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

Subtotal	5,510.55
Sales Tax	213.95
Total Invoice Amount	5,724.50
Payment/Credit Applied	
TOTAL	5,724.50

ONLY IF PAID ON OR BEFORE

JUL 30 2008



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

SERVICE POINT:

Medicine Lodge ks

DATE <u>6-26-08</u>	SEC. <u>33</u>	TWP. <u>82S</u>	RANGE <u>10W</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>10:30 PM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Instar</u>	WELL # <u>2</u>	LOCATION <u>Sharon, ks South on Iri</u>			COUNTY <u>Berhar</u>	STATE <u>ks</u>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			City Rd, 1S, 1/4 west, South into				

CONTRACTOR D+B
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 336
 CASING SIZE 8 5/8 DEPTH 333
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15
 PERFS. _____
 DISPLACEMENT 20 1/4 bbls of freshwater

EQUIPMENT

PUMP TRUCK # 372 CEMENTER Darin F. HELPER Hagan M.
 BULK TRUCK # 364 DRIVER Donald H.
 BULK TRUCK # _____ DRIVER _____

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REMARKS:

Pipe on bottom + break circulation
 Pump 3 bbls of fresh water ahead
 mix 225 sv of cement. Shut down,
 release plug, start displacement
 Bump plug 9+ 20 1/4 bbls, Shut in
 Cement to circulate

CHARGE TO: Chieftan Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER Chieftan Oil
 CEMENT AMOUNT ORDERED 225 sv 60:40: 2+3%
25 lbs of sugar

COMMON	<u>135A</u>	@	<u>15.45</u>	<u>2085.75</u>
POZMIX	<u>90</u>	@	<u>8.00</u>	<u>720.00</u>
GEL	<u>4</u>	@	<u>20.80</u>	<u>83.20</u>
CHLORIDE	<u>7</u>	@	<u>58.20</u>	<u>407.40</u>
ASC	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	<u>Sugar 25*</u>	@	<u>1.27</u>	<u>31.75</u>
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
HANDLING	<u>236</u>	@	<u>2.40</u>	<u>566.40</u>
MILEAGE	<u>11 x 236 x .10</u>	@	<u>2.62</u>	<u>288.20</u>
	<u>min chg</u>			
				TOTAL <u>4206.50</u>

SERVICE

DEPTH OF JOB	<u>333</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>1018.00</u>
EXTRA FOOTAGE	<u>33'</u>	@	<u>.85 28.05</u>
MILEAGE	<u>11</u>	@	<u>7.00 77.00</u>
MANIFOLD	_____	@	_____
	<u>Head control</u>	@	<u>113.00 113.00</u>
	_____	@	_____

TOTAL 1236.05

PLUG & FLOAT EQUIPMENT

	<u>8 5/8</u>		
	<u>1-wooden plug</u>	@	<u>68.00 68.00</u>
	_____	@	_____
	_____	@	_____
	_____	@	_____
	_____	@	_____
	_____	@	_____
TOTAL <u>68.00</u>			

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

ANY APPLICABLE TAX
 WILL BE CHARGED
 UPON INVOICING

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.

PRINTED NAME x Lyle Cason

SIGNATURE x Lyle Cason



Pratt

PAGE 1 of 2	CUST NO 1970-CHI017	INVOICE DATE 07/09/2008
INVOICE NUMBER 1970002182		

B I L L T O
 CHIEFTAIN OIL COMPANY
 PO BOX 124
 KIOWA KS 67070
 ATTN:

J O B S I T E
 LEASE NAME Inslee
 WELL NO. 2
 COUNTY Barber
 STATE KS
 JOB DESCRIPTION Cement-New Well Casing/Pipe
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
1970-02189	301		Net 30 DAYS	08/08/2008	
For Service Dates: 07/08/2008 to 07/08/2008					
1970-02189					
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ENTERED					
JUL 10 2008					
9/21 BC					
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
1970-17865	Cement-New Well Casing	7/8/08			
Pump Charge-Hourly		1.00	Hour	2520.000	2,520.00
Depth Charge; 4001'-5000'					
Cementing Head w/Manifold		1.00	EA	250.000	250.00
Plug Container Utilization Charge					
Cement Float Equipment		2.00	EA	290.000	580.00
Basket 5 1/2"					
Cement Float Equipment		1.00	EA	215.000	215.00
Flapper Type Insert Float Valves					
Cement Float Equipment		1.00	EA	250.000	250.00
Guide Shoe-Regular					
Cement Float Equipment		1.00	EA	105.000	105.00
Top Rubber Cement Plug					
Cement Float Equipment		7.00	EA	110.000	770.00
Turbolizer					
Mileage		225.00	DH	1.400	315.00
Blending and Mixing Service Charge					
Mileage		90.00	DH	7.000	630.00
Heavy Equipment Mileage					
Mileage		473.00	DH	1.600	756.80
Proppant and Bulk Delivery Charges					
Pickup		45.00	Hour	4.250	191.25
Unit Mileage Charge(Pickups, Vans, or Cars)					
Additives		5.00	EA	44.000	220.00 T
CC-1, KCl Substitute					
Additives		38.00	EA	4.000	152.00 T
De-foamer					
Additives		151.00	EA	7.500	1,132.50 T
FLA-322					
Additives		188.00	EA	5.150	968.20 T
Gas-Blok					
Additives		1,000.00	EA	0.670	670.00 T
Gilsonite					

11.9/04-08

BASIC

energy services

Pratt

B CHIEFTAIN OIL COMPANY
I PO BOX 124
L
L
T KIOWA KS 67070
O ATTN:

J LEASE NAME Inslee
O WELL NO. 2
B COUNTY Barber
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pipe:
T JOB CONTACT
E

PAGE 2 of 2	CUST NO 1970-CHI017	INVOICE DATE 07/09/2008
INVOICE NUMBER 1970002182		

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE		
1970-02189	301		Net 30 DAYS	08/08/2008		
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Additives Mud Flush			500.00	EA	0.860	430.00 T
Additives Salt			1,038.00	EA	0.500	519.00 T
Additives Super Flush II			500.00	EA	1.530	765.00 T
Cement 60/40 POZ			25.00	EA	11.000	275.00 T
Cement AA2 Cement			200.00	EA	16.600	3,320.00 T
Supervisor Service Supervisor Charge			1.00	Hour	175.000	175.00

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PLEASE REMIT TO:
BASIC ENERGY SERVICES, LP
 PO BOX 841903
 DALLAS, TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
 BASIC ENERGY SERVICES, LP
 PO BOX 10460
 MIDLAND, TX 79702

BID DISCOUNT	-3,650.34
SUBTOTAL	11,559.41
TAX	404.67
INVOICE TOTAL	11,964.08



Energy services, L.P.

FIELD ORDER 17865

Subject to Correction

CHARGE

7-8-08	Customer ID	Lease	Insee	Well #	2	Legal	33-325-10W
Chieftain Oil Company, Incorporated		County	Barber	State	KS	Station	Pratt
		Depth	5 1/2	Formation		Shoe Joint	21.20 Feet
		Casing	15.5 lb./ft.	Casing Depth	4,933 Feet	TD	4,934 Feet
		Customer Representative	Non Molz	Operator	Clarence R. Messick	JOB Type C.W.W.-Long string	

AFE Number	PO Number	Materials Received by	X Paul [Signature]	DLS
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP105	200sk	AA-2 cement	—	\$ 3,320.00
P	CP103	25sk	60/40 Poz	—	\$ 275.00
P	CC105	38Lb	Defoamer	—	\$ 152.00
P	CC111	1,038Lb	Salt (Fine)	—	\$ 519.00
P	CC115	188Lb	Gas Blok	—	\$ 968.20
P	CC129	151Lb	FLA-322	—	\$ 1,132.50
P	CC201	1,000lb	Gilsonite	—	\$ 670.00
P	C706	5Gal	CC-1	—	\$ 220.00
P	CC151	500Gal	Mud Flush	—	\$ 430.00
P	CC155	500Gal	Super Flush II	—	\$ 765.00
P	CF103	1ea	Top Rubber Plug, 5 1/2"	—	\$ 105.00
P	CF251	1ea	Regular Guide Shoe, 5 1/2"	—	\$ 250.00
P	CF1451	1ea	Insert Float Valve, 5 1/2"	—	\$ 215.00
P	CF1651	7ea	Turbolizer, 5 1/2"	—	\$ 770.00
P	CF1901	2ea	Basket, 5 1/2"	—	\$ 580.00
P	E101	90mi	Heavy Equipment Mileage	—	\$ 630.00
P	E113	473tm	Bulk Delivery	—	\$ 756.80
P	E100	45mi	Pickup Mileage	—	\$ 191.25
P	CE240	225sk	Blending and Mixing Service Charge	—	\$ 315.00
P	5003	1ea	Service Supervisor	—	\$ 175.00
P	CE205	1ea	Depth Charge: 4,001 Feet To 5,000 Feet	—	\$ 2,520.00
P	CE504	1 Job	Plug Container	—	\$ 250.00
Discounted Price =					\$ 11,559.41
Plus Taxes					

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Lease No. **Mettain Oil Company, Incorporated** Date **7-8-08**
 Well # **2**
 Station **Pratt** Casing **19.5 lb.** Depth **4933** Feet County **Barber** State **KS**
 Field Order # **17865** Type Job **C.V.W. - Longstring** Formation **33-325-10W** Legal Description **33-325-10W**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size 5 Lb./Ft.	Shots/Ft	200 sacks	AA-2 with 2% DeFoamer	RATE	PRESS	ISIP .88 FLA-322,
Depth 4933 Feet	Depth	From	To 108	Sat. 18 Gas Blok	Max	5 Lb./sk.	Gilsonite
Volume 81.7 Bbl.	Volume	From	To 15 Lb. 7 Gal.,	6.23 Gal./sk.,	Min	1.44 CU.F	1.75 sk.
Max Press 300 P.S.I.	Max Press	From	To 25 sacks	60/40 Pol	Avg	to plug Rat and Mouse Holes	
Well Connection 1 1/2 Container	Annulus Vol.	From	To	HHP Used	Annulus Pressure		
Plug Depth 17 Feet	Racker Depth	From	To	Flush 17 Bbl. Fls	Gas Volume	Total Load	

Customer Representative **Ron Molz** Station Manager **David Scott** Treater **Clarence R. Messick**

Service Units	19,870	19,903	19,905	19,826	19,860				
Driver Names	Messick	Matta	Freeman						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:45					Cementer and Float Equipment on location.
5:30					Trucks on location and hold safety meeting.
6:30					D and B Drilling start to run Regular Guide Shoe, Shoe Joint with Auto-Fill Insert screwed into collar and a total of 120 Joints new 19.5 Lb/Ft. 5 1/2 casing. Ran Basket on Joints #2 and #8. Ran Turbolizers on collars #4, 6, 9, 10, 12, 13, and #15.
9:45					RECEIVED Casing in well. Circulate for 1 hour.
10:47	350		6	6	Start Fresh Water Pre-Flush.
			6	6	Start Mud Flush.
			6	6	Start Fresh Water Spacer.
			37	6	Start Super Flush II.
			49	5	Start Fresh Water Spacer.
10:58	300		52	5	Start mixing 200 sacks AA-2 cement.
	-0-		103		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
11:10	100			6.5	Start 28 kcl Displacement.
			95	5	Start to lift cement.
11:30	700		117		Plug down.
	1,500				Pressure up.
					Release pressure. Insert held.
	-0-		4-3	3	Plug Rat and Mouse holes.
					Wash up pump truck.
12:30					Job Complete.



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chieftain Oil Co Inc
 605 S 6th
 PO Box 124
 Kiowa KS 67070
 ATTN: Ron Molz/Arden Ratzla4

Inslee # 2
33 32S 10W Barber KS
 Job Ticket: 32889 **DST#: 1**
 Test Start: 2008.07.01 @ 12:09:52

GENERAL INFORMATION:

Formation: **Egin Sd**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 14:20:47
 Time Test Ended: 20:32:16
 Interval: **3340.00 ft (KB) To 3392.00 ft (KB) (TVD)**
 Total Depth: **3392.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 1473.00 ft (KB)
 1461.00 ft (CF)
 KB to GR/CF: 12.00 ft

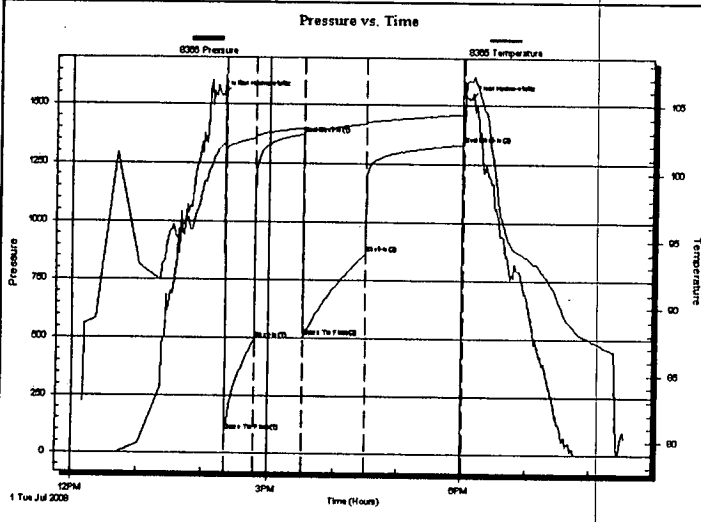
Serial #: 8365 **Inside**
 Press@RunDepth: 863.21 psig @ 3354.01 ft (KB)
 Start Date: 2008.07.01 End Date:
 Start Time: 12:09:52 End Time:

Capacity: 7000.00 psig
 Last Calib.: 2008.07.01
 Time On Btm: 2008.07.01 @ 14:17:17
 Time Off Btm: 2008.07.01 @ 18:06:46

TEST COMMENT: IFP Strg bl in 2 min
 FFP Strg bl in 4 min
 ISIP 1/4" bl bk
 FSIP Surface bl bk 30 45 60 90

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KCC WICHITA



PRESSURE SUMMARY

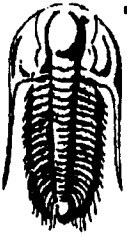
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1537.62	101.98	Initial Hydro-static
4	93.75	101.56	Open To Flow (1)
30	494.44	102.52	Shut-in(1)
74	1370.50	103.30	End Shut-in(1)
75	505.20	103.06	Open To Flow(2)
133	863.21	103.65	Shut-in(2)
225	1330.75	104.40	End Shut-in(2)
230	1525.92	106.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW 25%M 75%W	0.74
1530.00	Water	18.32

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chleftain Oil Co Inc
605 S 6th
PO Box 124
Kiowa KS 67070
ATTN: Ron Molz/Arden Ratzla4

Inslee # 2
33 32S 10W Barber KS
Job Ticket: 32889 **DST#: 1**
Test Start: 2008.07.01 @ 12:09:52

Tool Information

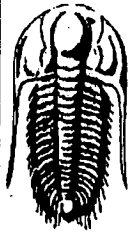
Drill Pipe:	Length: 2852.00 ft	Diameter: 3.80 inches	Volume: 40.01 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 495.00 ft	Diameter: 2.25 inches	Volume: 2.43 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 42.44 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3340.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.02 ft			
Tool Length:	75.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3318.00	
Shut In Tool	5.00			3323.00	
Hydraulic tool	5.00			3328.00	
Safety Joint	2.00			3330.00	
Packer	5.00			3335.00	23.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Perforations	13.00			3354.00	
Recorder	0.01	8365	Inside	3354.01	
Recorder	0.01	6625	Outside	3354.02	
Blank Spacing	33.00			3387.02	
Perforations	2.00			3389.02	
Bullnose	3.00			3392.02	52.02 Bottom Packers & Anchor

Total Tool Length: 75.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co Inc

Inslée # 2

605 S 6th
PO Box 124
Kiowa KS 67070

33 32S 10W Barber KS

Job Ticket: 32889

DST#: 1

ATTN: Ron Molz/Arden Ratzla4

Test Start: 2008.07.01 @ 12:09:52

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.58 in³
Resistivity: ohm.m
Salinity: 3500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 78000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MW 25%M 75%W	0.738
1530.00	Water	18.319

Total Length: 1680.00 ft

Total Volume: 19.057 bbl

Num Fluid Samples: 0

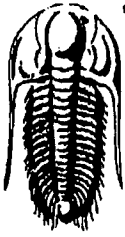
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .08 @ 84F



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chieftain Oil Co Inc
605 S 6th
PO Box 124
Kiowa KS 67070
ATTN: Ron Molz/Arden Ratzla4

Inslee # 2
33 32S 10W Barber KS
Job Ticket: 31767 **DST#: 2**
Test Start: 2008.07.05 @ 18:13:01

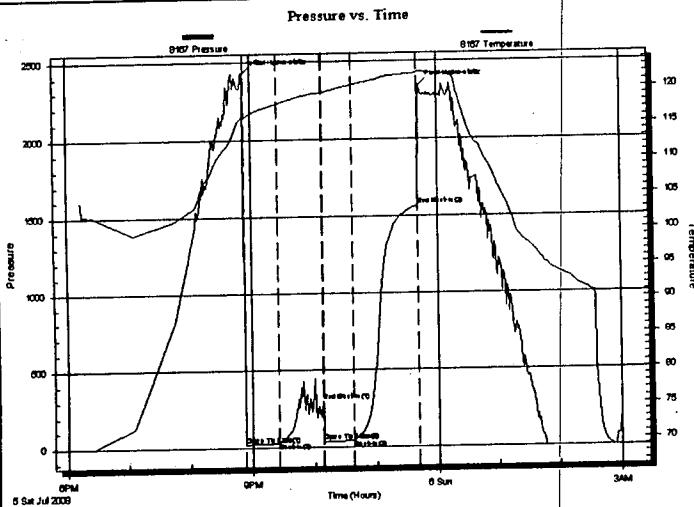
GENERAL INFORMATION:

Formation: **Viola**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 20:53:31
Time Test Ended: 03:00:46
Interval: 4723.00 ft (KB) To 4750.00 ft (KB) (TVD)
Total Depth: 4750.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39
Reference Elevations: 1473.00 ft (KB)
1461.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8167 **Inside**
Press@RunDepth: 44.41 psig @ 4724.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.05 End Date: 2008.07.06 Last Calib.: 2008.07.06
Start Time: 18:13:06 End Time: 03:00:46 Time On Btm: 2008.07.05 @ 20:52:01
Time Off Btm: 2008.07.05 @ 23:42:31

TEST COMMENT: IF Weak blow 1/2 - 1 1/4 "
ISI No blow
FF Weak blow 1/4 - 1 "
FSI No blow



PRESSURE SUMMARY

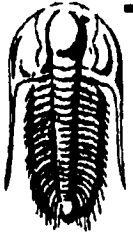
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2420.97	116.20	Initial Hydro-static
2	21.07	115.85	Open To Flow (1)
33	31.82	117.86	Shut-In(1)
76	295.03	119.40	End Shut-In(1)
77	37.12	119.35	Open To Flow (2)
106	44.41	120.45	Shut-In(2)
170	1567.72	121.99	End Shut-In(2)
171	2340.40	122.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	GCMw/O specs 7%G 93%M	0.27
0.00	95' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co Inc

Inslee # 2

605 S 6th
PO Box 124
Kiowa KS 67070
ATTN: Ron Molz/Arden Ratzla4

33 32S 10W Barber KS
Job Ticket: 31767 **DST#: 2**
Test Start: 2008.07.05 @ 18:13:01

Tool Information

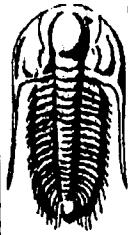
Drill Pipe:	Length: 4217.00 ft	Diameter: 3.80 inches	Volume: 59.15 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 495.00 ft	Diameter: 2.25 inches	Volume: 2.43 bbl	Weight to Pull Loose: 81000.00 lb
		Total Volume: 61.58 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4723.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4701.00	
Shut In Tool	5.00			4706.00	
Hydraulic tool	5.00			4711.00	
Safety Joint	3.00			4714.00	
Packer	4.00			4718.00	23.00 Bottom Of Top Packer
Packer	5.00			4723.00	
Stubb	1.00			4724.00	
Recorder	0.00	8167	inside	4724.00	
Recorder	0.00	8357	inside	4724.00	
Perforations	21.00			4745.00	
Bullnose	5.00			4750.00	27.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT **FLUID SUMMARY**

Chieftain Oil Co Inc **Inslee # 2**
 605 S 6th **33 32S 10W Barber KS**
 PO Box 124 Job Ticket: 31767 **DST#: 2**
 Kiowa KS 67070 Test Start: 2008.07.05 @ 18:13:01
 ATTN: Ron Molz/Arden Ratzla4

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 64.00 sec/qt
 Water Loss: 9.59 in³
 Resistivity: 0.00 ohm.m
 Salinity: 4000.00 ppm
 Filter Cake: 0.20 inches

Cushion Type: Oil API: deg API
 Cushion Length: ft Water Salinity: 4000 ppm
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	GCMw /O specs 7%G 93%M	0.270
0.00	95' GIP	0.000

Total Length: 55.00 ft
 Num Fluid Samples: 0
 Laboratory Name:
 Recovery Comments:

Total Volume: 0.270 bbl
 Num Gas Bombs: 0 Serial #: none
 Laboratory Location: