

KANSAS CORPORATION COMMISSION 1074636
OIL & GAS CONSERVATION DIVISION

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 # 33235
 Name: Chieftain Oil Co., Inc.
 Address 1: 101 S. 5th St.; PO Box 124
 Address 2: _____
 City: KIOWA State: KS Zip: 67070 + 1912
 Contact Person: Ron Molz
 Phone: (620) 825-4030
 CONTRACTOR: License # 34484
 Name: Fossil Drilling, Inc.
 Wellsite Geologist: Arden Ratzlaff
 Purchaser: Coffeyville Resources

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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>07/19/2011</u>	<u>07/30/2011</u>	<u>08/29/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23717-00-00
 Spot Description: _____
NW NE SE NE Sec. 13 Twp. 33 S. R. 11 East West
1420 Feet from North / South Line of Section
620 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Barber
 Lease Name: Jake Well #: 3
 Field Name: Trafass
 Producing Formation: Mississippi
 Elevation: Ground: 1588 Kelly Bushing: 1596
 Total Depth: 5234 Plug Back Total Depth: 5213
 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: 5800 ppm Fluid volume: 1200 bbls
 Dewatering method used: Hauled to Disposal
 Location of fluid disposal if hauled offsite:
 Operator Name: Chieftain Oil Co., Inc.
 Lease Name: Gamer SWD License #: 33235
 Quarter NW Sec. 11 Twp. 33 S. R. 10 East West
 County: Barber Permit #: D-28060

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: 02/20/2012
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: Deanna Gombor Date: 02/22/2012



1074636

Operator Name: Chieftain Oil Co., Inc. Lease Name: Jake Well #: 3
 Sec. 13 Twp. 33 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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Attached Datum Attached
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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	10.75	8.625	24	332	60/40 Poz	250	2% Salt
Production	7.875	5.50	15.5	5232	Common	225	2% Salt Gas Block

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	4604-4634	1000 Gal 7-1/2% HCL Acid	4604-4644
2	4634-4644	1500 Gal 15% HCL Acid	4604-4644
		Frac 22500BBLS Slickwater 367600# Sand	

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4709</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11/01/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf <u>50</u> Water Bbls. <u>100</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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Jake 3
Doc ID	1074636

All Electric Logs Run

Geological Log
Dual Compensated Log
Dual Induction Log
Sector Bond / Gamma Ray Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Jake 3
Doc ID	1074636

Tops

Heebner	3719	-2123
Lansing	3928	-2332
Base Kansas City	4401	-2805
Cherokee	4591	-2995
Mississippian	4609	-3013
Kinderhook	4835	-3239
Viola	4947	-3251
Simpson	5040	-3444
Arbuckle	5191	-3595
Total Depth	5234	-3638



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 127953

Invoice Date: Jul 20, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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	Jake #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Jul 20, 2011	8/19/11

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
100.00	MAT	Pozmix	8.50	850.00
4.00	MAT	Gel	21.25	85.00
8.00	MAT	Chloride	58.20	465.60
262.00	SER	Handling	2.25	589.50
10.00	SER	Mileage	28.82	288.20
1.00	SER	Surface	1,125.00	1,125.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	EQP	8 5/8 Wooden Plug	92.00	92.00
1.00	EQUIP OPER	Matt Thimesch		
1.00	EQUIP OPER	Ronald Giley		
1.00	OPER ASSIST	Dustin Elam		

9304 PC

Subtotal	6,152.80
Sales Tax	286.90
Total Invoice Amount	6,439.70
Payment/Credit Applied	
TOTAL	6,439.70

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

\$ 1230.56

ONLY IF PAID ON OR BEFORE
Aug 14, 2011



PAGE 1 of 1	C' NO 1000719	INVOICE DATE 08/01/2011
INVOICE NUMBER 1718 - 90660928		

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

J LEASE NAME Jake 3
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

9/2/11

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40350495	20920		Net - 30 days	08/31/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/31/2011 to 07/31/2011</i>				
0040350495				
171804391A Cement-New Well Casing/Pi 07/31/2011 Longstring				
AA2 Cement	275.00	EA	13.43	3,693.16 T
De-foamer (Powder)	52.00	EA	3.16	164.32 T
Salt (Fine)	1,364.00	EA	0.39	538.77 T
Gas-Blok	259.00	EA	4.07	1,053.72 T
FLA-322	208.00	EA	5.92	1,232.37 T
Gilsonite	1,375.00	EA	0.53	727.77 T
CS-1L KCL Substitute	5.00	EA	27.65	138.25 T
Mud Flush	500.00	EA	0.68	339.69 T
Super Flush II	500.00	EA	1.21	604.34 T
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	315.99	315.99
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	284.39	284.39
Turbolizer 5 1/2" (Blue)	7.00	EA	86.90	608.29
5 1/2" Basket (Blue)	2.00	EA	229.10	458.19
Unit Mileage Charge-Pickups, Vans & Cars	45.00	HR	3.35	151.08
Heavy Equipment Mileage	90.00	MI	5.53	497.69
Proppant and Bulk Delivery Charges	583.00	MI	1.26	736.90
Depth Charge: 5001-6000'	1.00	HR	2,275.15	2,275.15
Blending & Mixing Service Charge	275.00	MI	1.11	304.14
Plug Container Utilization Charge	1.00	EA	197.50	197.50
Supervisor	1.00	HR	138.25	138.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	14,459.96
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	619.94
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	15,079.90
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 04391 A

13-335-11W

DATE _____ TICKET NO. _____

DATE OF JOB 7-31-11 DISTRICT Pratt, Kansas		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 - Weftrain Oil Company, Inc.		LEASE Talco WELL NO. 3							
ADDRESS		COUNTY Barber STATE Kansas							
CITY STATE		SERVICE CREW - Messick, M. Mattal, Jr. Hunter							
AUTHORIZED BY		JOB TYPE - N/W Logging							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
57216	1.5						7-30-11	PM	10:00
						ARRIVED AT JOB	7-31-11	AM	2:30
						START OPERATION		AM	4:30
32708-20420	1.5					FINISH OPERATION		AM	11:00
14531-19862	1.5					RELEASED	7-31-11	AM	11:30
						MILES FROM STATION TO WELL			4.5

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

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA 2 Cement	sk	275		\$ 4,675.00
CC 105	Defoamer	Lb	52		\$ 208.00
CC 111	Salt (Fine)	Lb	1364		\$ 682.00
CC 115	Gas Blok	Lb	359		\$ 1,333.35
CC 124	FLA-322	Lb	308		\$ 1,560.00
CC 201	Gilsonite	Lb	1375		\$ 921.25
CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		\$ 400.00
CF 1251	Auto. Full Float Valve, 5 1/2"	ea	1		\$ 360.00
CF 1651	Turbolizer 5 1/2"	ea	1		\$ 770.00
CF 1901	Postret, 5 1/2"	ea	2		\$ 580.00
CC 704	CS-11:KCL	Gal	5		\$ 175.00
CC 151	Mud Flush	Gal	500		\$ 430.00
CC 155	Super Flush II	Gal	500		\$ 765.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

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

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



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-~~04392~~ A
Continuation

13-335-11 W

DATE TICKET NO. 4,391

DATE OF JOB: 7-31-11		DISTRICT: Pratt, Kansas		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: Chieftain Oil Company, Inc.				LEASE: Take				WELL NO. 3	
ADDRESS:				COUNTY: Barber		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; Jr. Hunter					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
						ARRIVED AT JOB		AM	
						START OPERATION		AM	
						FINISH OPERATION		AM	
						RELEASED		AM	
						MILES FROM STATION TO WELL			

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: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P E 100	Pickup Mileage	mi	45	\$	191.25
P E 101	Heavy Equipment Mileage	mi	90	\$	630.00
P E 113	Bulk Delivery	tm	583	\$	932.40
P CE 206	Cement Pump: 5,001 Feet To 6,000 Feet	hrs	4	\$	2,880.00
P CE 240	Blending and Mixing Service	sk	275	\$	385.00
P CE 504	Plug Container	Job	1	\$	250.00
P S 003	Service Supervisor	hrs	8	\$	175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		\$	14,459.96
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)	

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Chieftain Oil Company, Inc.	Lease No. Lease Jake	Well # 3	Date 7-31-11
Field Order # 4391	Station Pratt, Kansas	Casing 5 1/2	Depth 5234
Type Job C.N.W.-Longstring	County Barber	State Kansas	Legal Description T-3-335-11W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size 5 LB/FT.	Shots/Ft 225	sacks AA2	with 8 8	FLA	RATE	PRESS
Depth 5234 Feet	Depth 5234 Feet	From 108	Salt 5 LB/sk.	Gal. 5.94	Gal.	1.43	CU.FT./SK.
Volume 24.6 Bbl.	Volume 24.6 Bbl.	From 108	To 15 LB	Gal.	5.94	Gal.	1.43
Max Press 1500 PSI	Max Press 1500 PSI	From 108	To 15 LB	Gal.	5.94	Gal.	1.43
Well Connection 1 1/2" Con	Annulus Vol. 1 1/2" Con	From 50	sacks AA2	toplug Rat (30shs)	HHP Used and Mouse (20shs)	holes	Annulus Pressure
Plug Depth 5234 Feet	Packer Depth 5234 Feet	From 50	To 15 LB	Gal.	5.94	Gal.	1.43

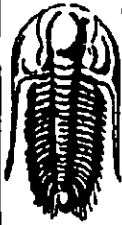
Customer Representative Ron Molz	Station Manager David Scott	Preater Clarence R. Messick
Service Units 37,216	33,708	20,920
Driver Names Messick	Ma	tal
	Hunter	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					Cement and cement on location.
5:00					Fossil Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 125 Joints new 15.5 Lb./Ft. 5 1/2" casing. A Basher was installed above collars #2 and #10. A Turbolizer was installed on collars #4, 7, 8, 14, 15, 16, and #17.
8:15					Casing in well. Circulate for 1 Hour.
9:30	2300				Shut in well. Pressure Test. Open Well.
9:32	300		20	6	Start Fresh Water Pre-Flush.
			32	6	Start Mud Flush.
			52	6	Start Fresh water spacer.
			64	5	Start Super Flush II.
9:45	500		67	5	Start Mixing 225 sacks AA2 cement.
	-0-		124		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
10:07	100			6.5	Start 28 HCL Displacement.
			82	5	Start to lift cement.
10:33	1,000		124		Plug down.
	1,500				Pressure up.
	-0-		7-5	3	Release pressure. Float Shoe held.
					Plug Rat and Mouse holes.
					Wash up pump truck.

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

11:30 A.M. Job Complete. Thank You. Clarence, Mike, Jr.

Taylor Printing, Inc. 620-672-3656



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chieftain Oil Co. inc.

Jake #3

605 S. 6th
PO Box 124
Klow a, KS 67070+1912
ATTN: Arden Ratzlaff

13-33s-11w Barber,KS

Job Ticket: 43519 **DST#: 1**

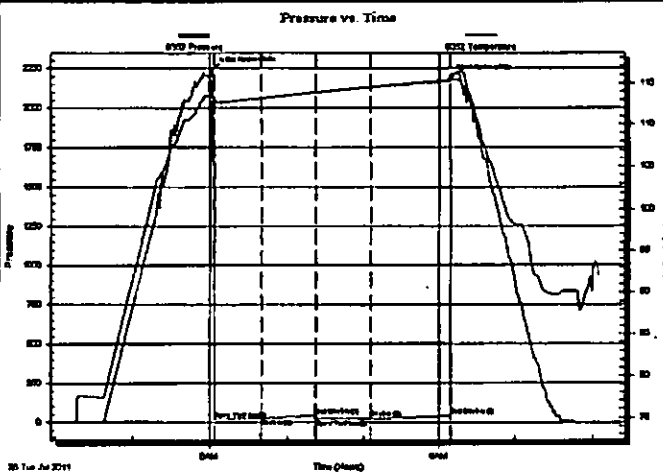
Test Start: 2011.07.26 @ 04:16:05

GENERAL INFORMATION:

Formation: **Hertha**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 06:03:10
 Time Test Ended: 11:04:50
 Test Type: **Conventional Bottom Hole**
 Tester: **Andy Carreira**
 Unit No: **39**
 Interval: **4401.00 ft (KB) To 4449.00 ft (KB) (TVD)**
 Reference Elevations: **1596.00 ft (KB)**
 Total Depth: **4449.00 ft (KB) (TVD)**
1588.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: **8352** **Outside**
 Press@RunDepth: **23.16 psig @ 4408.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.07.26** End Date: **2011.07.26** Last Conf.: **2011.07.26**
 Start Time: **04:16:05** End Time: **11:04:50** Time On Btm: **2011.07.26 @ 06:01:50**
 Time Off Btm: **2011.07.26 @ 09:08:20**

TEST COMMENT: IF:(30min) 1.5 inch blow in 20 min.
 IS:(45min) No Return
 FF:(45min) Weak, 1 inch blow, Died in 40 min.
 FS:(60min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.31	113.40	Initial Hydro-static
2	19.62	112.79	Open To Flow (1)
38	23.96	113.20	Shut-In(1)
80	44.09	113.89	End Shut-In(1)
81	19.91	113.88	Open To Flow (2)
124	23.16	114.50	Shut-In(2)
187	40.63	115.27	End Shut-In(2)
187	2188.00	116.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/ slight oil specks in tool	0.10

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co. Inc.
605 S. 6th
PO Box 124
Kiowa, KS 67070+1912
ATTN: Arden Ratzlaff

Well #3
13-33s-11w Barber, KS
Job Ticket: 43519 **DST#: 1**
Test Start: 2011.07.26 @ 04:18:05

Tool Information

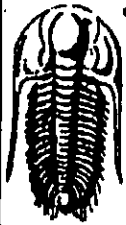
Drill Pipe:	Length: 4285.45 ft	Diameter: 3.80 inches	Volume: 60.11 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 123.55 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			Total Volume: 60.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4401.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4379.00	
Shut In Tool	5.00			4384.00	
Hydraulic tool	5.00			4389.00	
Safety Joint	3.00			4392.00	
Packer	5.00			4397.00	23.00 Bottom Of Top Packer
Packer	4.00			4401.00	
Stubb	1.00			4402.00	
Perforations	5.00			4407.00	
Change Over Sub	1.00			4408.00	
Recorder	0.00	8017	Inside	4408.00	
Recorder	0.00	8352	Outside	4408.00	
Drill Pipe	31.00			4439.00	
Change Over Sub	1.00			4440.00	
Perforations	6.00			4446.00	
Bullnose	3.00			4449.00	48.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co. inc.

Jake #3

605 S. 6th
PO Box 124
Klowa, KS 67070+1912
ATTN: Arden Ratzlaff

13-33s-11w Barber,KS
Job Ticket: 43519 **DST#: 1**
Test Start: 2011.07.28 @ 04:16:05

Mud and Cushion Information

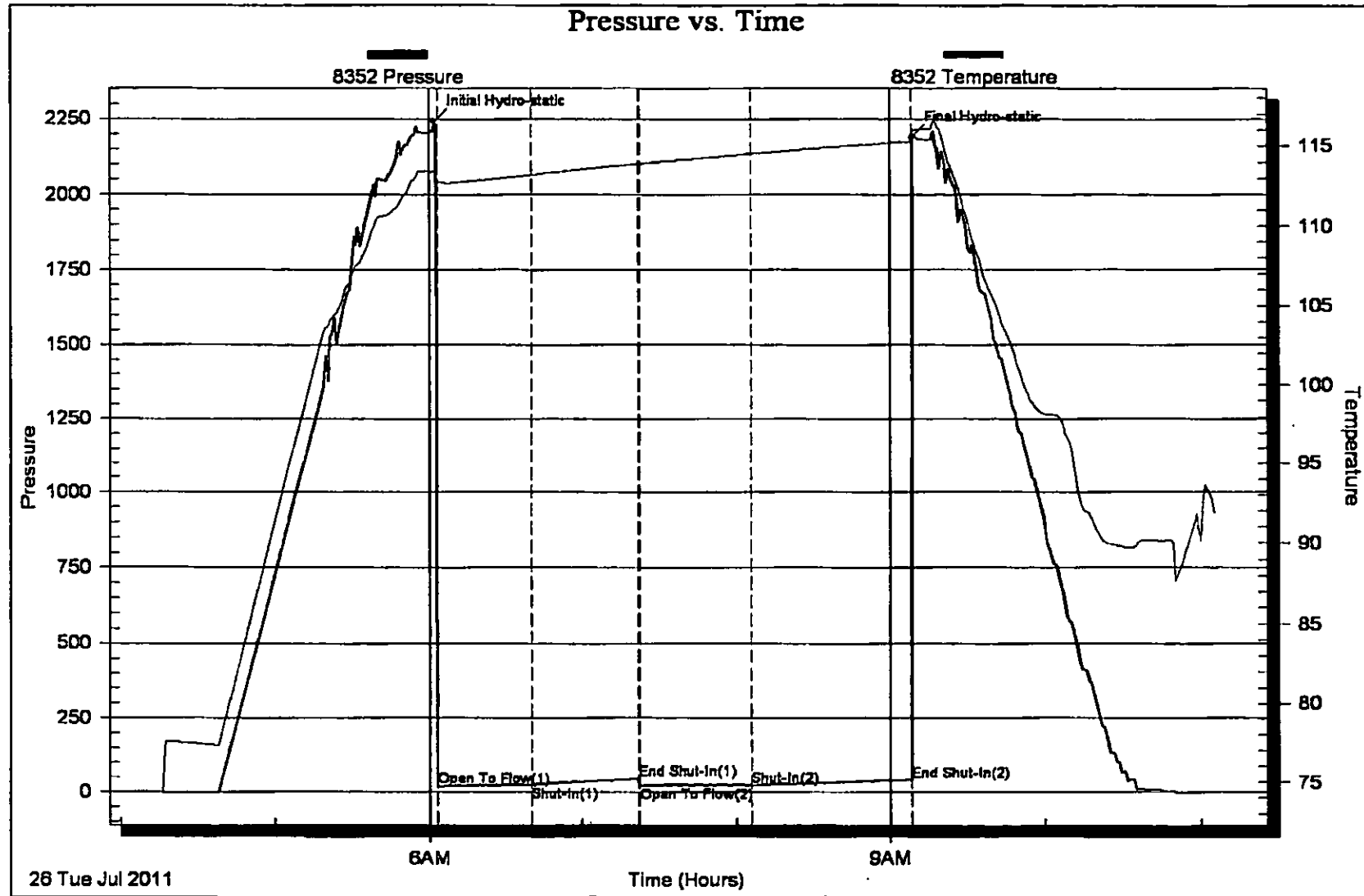
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: inches			

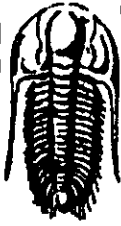
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w / slight oil specks in tool	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Chieftain Oil Co. inc.
605 S. 6th
PO Box 124
Kiowa, KS 67070+1912
ATTN: Arden Ratzlaff

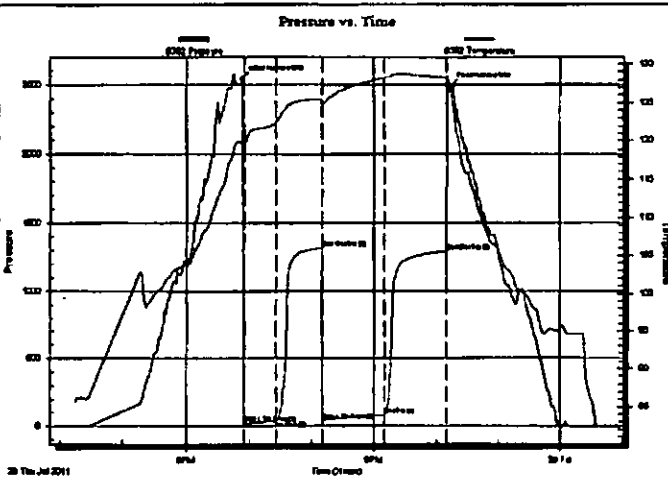
Jake #3
13-33s-11w Barber, KS
Job Ticket: 43520 DST#: 2
Test Start: 2011.07.28 @ 16:15:05

GENERAL INFORMATION:

Formation: **Misener**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 18:55:40
 Time Test Ended: 00:35:20
 Test Type: **Conventional Bottom Hole**
 Tester: **Andy Carreira**
 Unit No: **39**
 Interval: **4932.00 ft (KB) To 4950.00 ft (KB) (TVD)**
 Reference Elevations: **1596.00 ft (KB)**
 Total Depth: **4950.00 ft (KB) (TVD)**
1588.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: **8352** **Outside**
 Press@RunDepth: **83.74 psig @ 4933.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.07.28** End Date: **2011.07.29** Last Calib.: **2011.07.29**
 Start Time: **16:15:05** End Time: **00:35:20** Time On Btm: **2011.07.28 @ 18:52:50**
 Time Off Btm: **2011.07.28 @ 22:13:20**

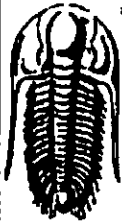
TEST COMMENT: IF:(30min) 11 inches in 30 min.
 IS:(45min) No Return
 FF:(60min) BOB, 57 min.
 FS:(60min) No Return



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2539.67	119.70	Initial Hydro-static
3	19.78	119.39	Open To Flow (1)
34	39.56	122.50	Shut-In(1)
77	1312.12	125.44	End Shut-In(1)
78	44.49	124.92	Open To Flow (2)
138	83.74	128.19	Shut-In(2)
198	1288.36	128.26	End Shut-In(2)
201	2487.45	126.30	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
140.00	M/W/oil specks in tool m=20% w=80%	0.84
0.00	GIP= 100ft	0.00

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co. inc.

Jake #3

606 S. 6th
PO Box 124
Kiowa, KS 67070+1912
ATTN: Arden Ratzlaff

13-33s-11w Barber,KS
Job Ticket: 43520 DST#: 2
Test Start: 2011.07.28 @ 16:15:05

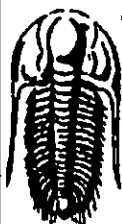
Tool Information

Drill Pipe:	Length: 4816.00 ft	Diameter: 3.80 inches	Volume: 67.56 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 123.55 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 68.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.55 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4932.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4910.00	
Shut In Tool	5.00			4915.00	
Hydraulic tool	5.00			4920.00	
Safety Joint	3.00			4923.00	
Packer	5.00			4928.00	23.00 Bottom Of Top Packer
Packer	4.00			4932.00	
Stubb	1.00			4933.00	
Recorder	0.00	8017	Inside	4933.00	
Recorder	0.00	8352	Outside	4933.00	
Perforations	14.00			4947.00	
Bullnose	3.00			4950.00	18.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co. inc.

Jake #3

605 S. 6th
PO Box 124
Klowa, KS 67070-1912
ATTN: Arden Ratzlaff

13-33s-11w Barber,KS
Job Ticket: 43520 DST#: 2
Test Start: 2011.07.28 @ 16:15:05

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:	7500 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in*	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

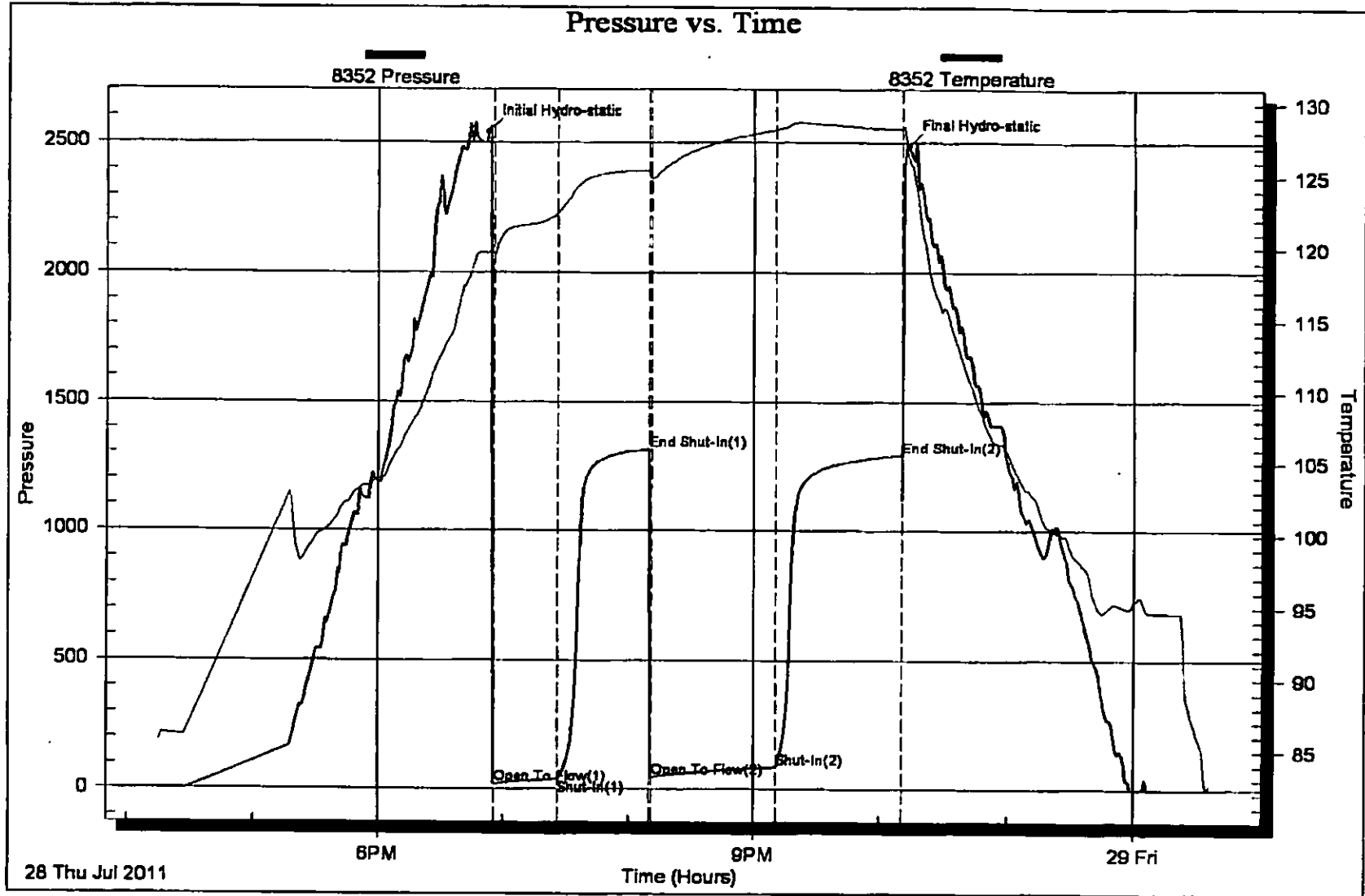
Length ft	Description	Volume bbl
140.00	M/W /oil specks in tool m=20% w=80%	0.838
0.00	GIP= 100ft	0.000

Total Length: 140.00 ft Total Volume: 0.838 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone 262-8938

107 N. Market 808 Biting Bldg. Wichita, KS 67202

DRILLING TIME
AND
SAMPLE LOG

COMPANY CHEFTAIN OIL CO. INC.

LEASE JAKE NO. 3

FIELD TRAFEGAS

LOCATION NW NE SE NE

SECTION 13 TOWNSHIP 33S RANGE 11W

COUNTY BARBER STATE KANSAS

CONTRACTOR FOSSIL DRILLING RIG NO. 2

COMMENCED DRILLING 7-18-51

COMPLETED DRILLING 7-30-51

RTD 5234 FEET LTD 5234 FEET

MUD UP AT 3100 FEET MUD TYPE CHEMICAL

ELEVATIONS

KB 1595

IF 1694

GL 1888

Measurements Are All From K. B.

CASING

8 5/8" @ 33' W 250 ST

5 1/2" @ 523' W 225 ST

ELECTRICAL SURVEYS

LOG-TECH - GALVINA BAY, DUAL
INDUCTION COMPENSATED SYSTEM
RESISTIVITY, S. R. & C. L. PAPER

FORMATION TOPS

SAMPLE

ELECTRIC LOG

HEMPER 3719 (-2123)
LANSHIRE 3978 (-3332)
BASE KANSAS CITY 4403 (-4207)
CHEBOKER 4594 (-3196)
MORJISSTIPPIAN 4609 (-3615)
KINDERHOOK 4895 (-3129)
VIOLA 4948 (-3152)
SIMPSON 5042 (-3446)
ARBUCKLE 5190 (-3594)
TOTAL DEPTH 5234 (-3136)

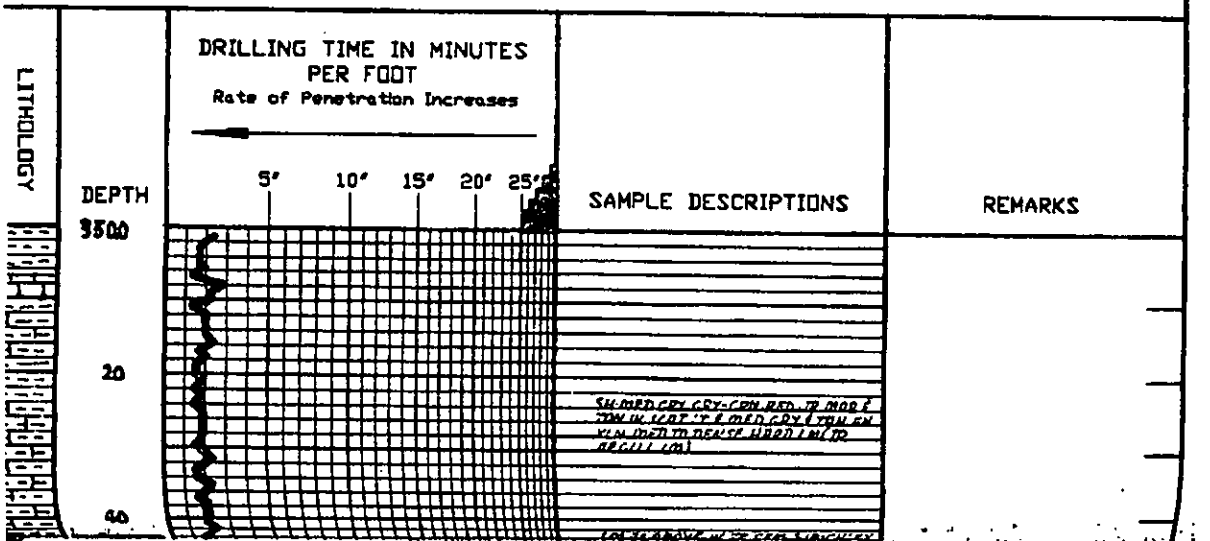
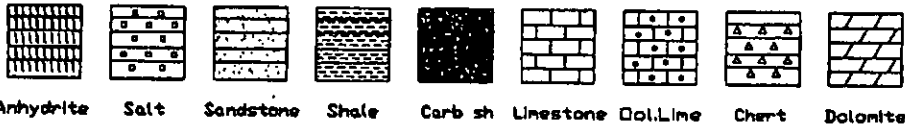
3719 (-2123)
3978 (-3332)
4403 (-4207)
4594 (-3196)
4609 (-3615)
4895 (-3129)
4948 (-3152)
5042 (-3446)
5190 (-3594)
5234 (-3136)

3719 (-2123)
3978 (-3332)
4403 (-4207)
4594 (-3196)
4609 (-3615)
4895 (-3129)
4948 (-3152)
5042 (-3446)
5190 (-3594)
5234 (-3136)

REMARKS AFTER ANALYZING ALL OF THE FEATURES FOR A PRODUCING WELL THE DECISION WAS MADE TO SET PRODUCTION CASING IN EXPECTANCE OF A GOOD PRODUCER *Arden Ratzlaff, Petroleum Geologist*

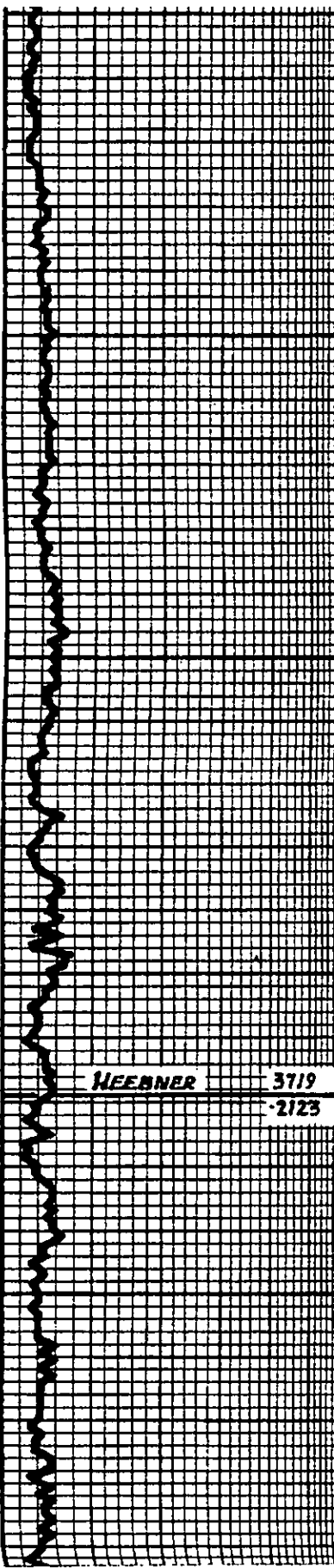
NOTE: NATIVE AMERICAN FURNISHED THE MUD-TRIAL BUT THE DRILL STEM TESTS - SAMPLES DEPOSITED BY THE K.G.S. SURVEY

LEGEND





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3600
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LM. COM. BUFF. CRY. TAN. CN. Y. L.
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HARD. W. O. ED. TO. DV. GRY. SIL. GRY.
CON. RED. SH.

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SHA. CHUKY. TO. DENISE. HARD. IM. GRY.
TO. GRY. W. SH. BLK. SP. SU. SU. IM.

SH. AS. ABOVE. IN. SILTY. IM. AT. ABOVE.
BLK. GRY. TAN. BRN. EN. V. IN. SHA.
CHUKY. TO. PRE. DENISE. HARD. IM.

SH. MED. GRY. GRAL. GRY. BRN. IM. BLK. /
RED. W. IM. SILTY. IM. AS. ABOVE.

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SH. MED. GRY. GRY. CON. SH. RED. SILTY. /
TAN. CN. Y. L. TO. DENISE. HARD. IM. GRY.
EN. V. IN. DENISE. HARD. IM.

SAME. W. SCAT. BLK. SH.

HEBNER 3719
-2123

SH. BLK. CARB. (GAS. BUBBLES) SILTY. IM.
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EN. V. IN. PRE. DENISE. HARD. IM.

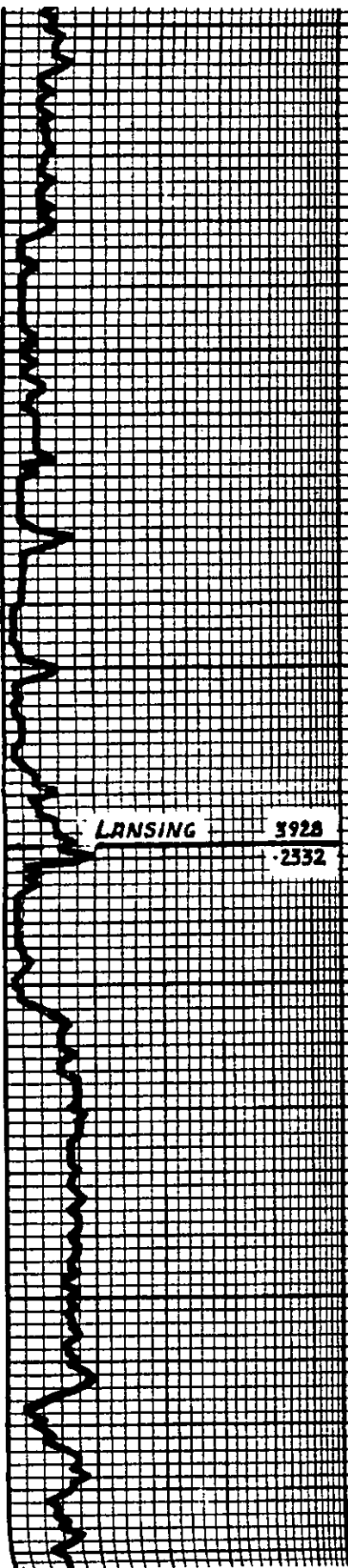
LM. IM. COM. (CY. GRY. CON. TAN. CN. Y. L.)
EN. V. IN. PRE. DENISE. HARD. IM.
SHA. CHUKY. TO. CHUKY. TO. DENISE.
AS. ABOVE. SILTY. RED. IM.

SAME. AS. ABOVE.

SH. MED. TO. DV. GRY. GRAL. GRY. CON.
TAN. CN. Y. L. RED. BLK. IM. AS. ABOVE.



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SOME. IN. SCAT. BUFC. TRAL. TR. BRN. EN.
YIN. DENIC. HARD. LM.

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TRAL. TR. BRN. EN. YIN. PRD. DENIC. HARD. LM.

1M. BUFC. GRY. TRAL. TR. BRN. EN. YIN.
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EN. YIN. GRY. TRAL. TR. BRN. EN. YIN.
SCAT. SILTY.

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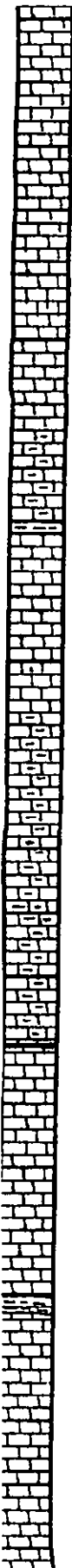
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HED. & TR. IM. CRN. YIN.

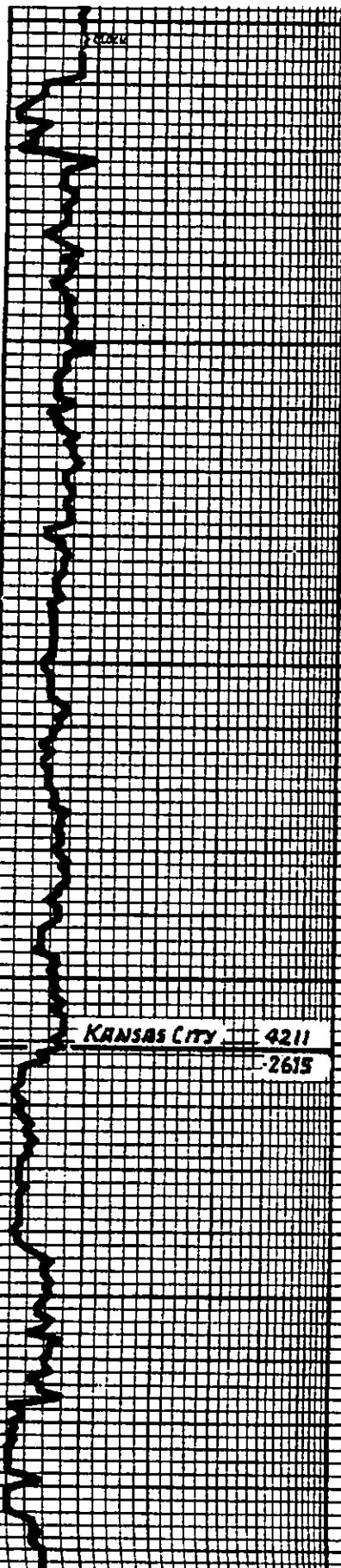
1M. AT. ABOVE.

1M. BUFC. GRY. TRAL. TR. BRN. EN. YIN.

LANSING 3928
-2532



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SAME. W. SCOT. GR. GR. GR. GR. W.

KANSAS CITY 4211 -2615

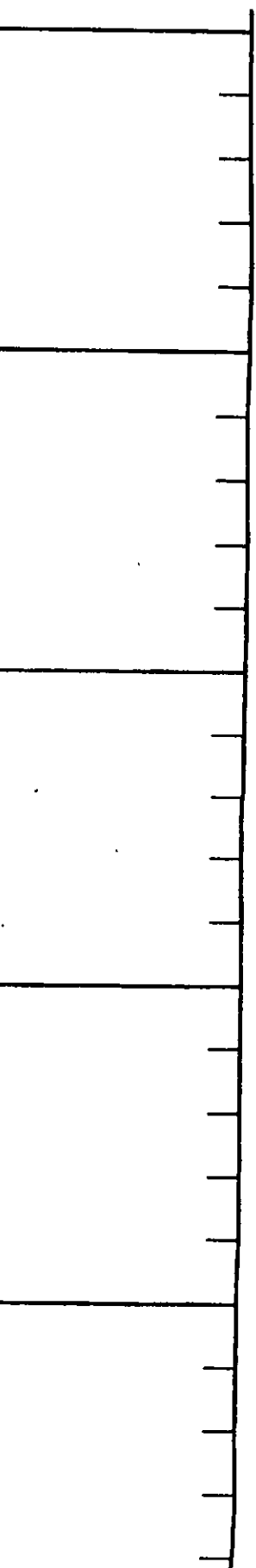
1M. LT. GR. BLUE. TAN. RED. BN. YLN. SUB. CHALKY. TO DENSE. HARD. W. CON. BL. YLN. IN. GR. DENS. DENSE. HARD. W. CON. BL. YLN. GR. GR. W.

1M. CR. BLUE. GR. TAN. RED. BN. YLN. SUB. CHALKY. TO DENSE. HARD. W. CON. BL. YLN. W. CR. GR. CHALKY. SUB. CHALKY. TO DENSE. GR. W. SIL. GR. IN. W. V. SCOT. DENS. CON. V. LG. INTER. YLN. FOR. N. I.

1M. AS ABOVE. W. BN. IN. BLUE. GR. IT GR. FRESH. SUB. TRANSL. FURT.

1M. CR. BLUE. GR. TAN. RED. BN. YLN. SUB. CHALKY. TO DENSE. HARD. TO FURT. ABOVE.

1M. WH. CR. IT GR. BLUE. GR. BN. YLN. SUB. CHALKY. TO DENSE. HARD. IN.



Conservation Division
Finney State Office Building
130 S. Market, Rm. 207B
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 20, 2012

Ron Molz
Chieftain Oil Co., Inc.
101 S. 5th St.; PO Box 124
KIOWA, KS 67070-1912

Re: ACO1
API 15-007-23717-00-00
Jake 3
NE/4 Sec.13-33S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ron Molz

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

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Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 20, 2012

Ron Molz
Chieftain Oil Co., Inc.
101 S. 5th St.; PO Box 124
KIOWA, KS 67070-1912

Re: ACO-1
API 15-007-23717-00-00
Jake 3
NE/4 Sec.13-33S-11W
Barber County, Kansas

Dear Ron Molz:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 07/19/2011 and the ACO-1 was received on February 20, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department