



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1074636

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</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

Name	Top	Datum
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

Federal Tax I.D.#: 20-5975804

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 Gilley		
1.00	OPER ASSIST	Dustin Elam		

9304 BC

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

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

ALLIEL CEMENTING CO., LLC. 040749

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Med Lodgeles

DATE <i>7-20-11</i>	SEC. <i>13</i>	TWP. <i>33s</i>	RANGE <i>11W</i>	CALLED OUT	ON LOCATION	JOB START <i>3:00am</i>	JOB FINISH <i>3:30am</i>
LEASE <i>Jolie</i>	WELL # <i>3</i>	LOCATION <i>M.L. 1/8 E on 1/2 to Cedar Hill Rd</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i>3 south, 1/8 W, 2.5 south grand, 1/2 E to the Sim 6</i>				

CONTRACTOR *Fossil Drilling*
 TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D. *340'*
 CASING SIZE *8 5/8* DEPTH *323'*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX *300 psi* MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. *20'*
 PERFS.
 DISPLACEMENT *20 bbls @ 20*

OWNER *Chieftain Oil*
 CEMENT
 AMOUNT ORDERED *250 sx 60:40:3%acc + 28%cl*

EQUIPMENT

PUMP TRUCK CEMENTER *Matthiasch*
 # *471/302* HELPER *Ron Gilley*
 BULK TRUCK
 # *421/252* DRIVER *Austin Ehm*
 BULK TRUCK
 # DRIVER

COMMON	<i>150</i>	@	<i>16.25</i>	<i>2437.50</i>
POZMIX	<i>100</i>	@	<i>8.50</i>	<i>850.-</i>
GEL	<i>4</i>	@	<i>21.25</i>	<i>85.-</i>
CHLORIDE	<i>8</i>	@	<i>58.20</i>	<i>465.60</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>262</i>	@	<i>2.25</i>	<i>589.50</i>
MILEAGE	<i>262/107.11</i>			<i>288.20</i>
				TOTAL <i>4715.80</i>

REMARKS:

*Brk circ with Rtn pump 3 bbls @ 20 ahead
 MKK 250 sx cement shut down Release plug
 d-15p. 20 bbls @ 20 shut in
 cement did cure ok*

SERVICE

DEPTH OF JOB	<i>323'</i>		
PUMP TRUCK CHARGE			<i>1125.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>20</i>	@	<i>7.00</i> <i>140.00</i>
MANIFOLD		@	
<i>light vehicle</i>	<i>20</i>	@	<i>4.00</i> <i>80.00</i>
		@	
TOTAL <i>1345.00</i>			

CHARGE TO: *Chieftain Oil*
 STREET _____
 CITY _____ STATE _____ ZIP _____

8 5/8 PLUG & FLOAT EQUIPMENT

<i>1- wooden plug</i>	@	<i>92.00</i>
	@	
	@	
	@	
	@	
TOTAL <i>92.00</i>		

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 *CARRY W HUNT*
 SIGNATURE *[Signature]*

SALES TAX (If Any) _____
 TOTAL CHARGES *6152.80*
 DISCOUNT *20%* IF PAID IN 30 DAYS
Net \$ 4922.24



PAGE	C' NO	INVOICE DATE
1 of 1	1000719	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:

9/2/11

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

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	3.36	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: Meftain Oil Company, Inc.				LEASE: Jake				WELL NO. 3	
ADDRESS:				COUNTY: Barber		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: Messick, M. Mattal, Jr. Hunter					
AUTHORIZED BY:				JOB TYPE: C/W Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
57216	1.5						7-30-11	(AM)	10:00
						ARRIVED AT JOB	7-31-11	(AM)	2:30
32708-20420	1.5					START OPERATION		(AM)	9:30
						FINISH OPERATION		(AM)	11:00
19531-19562	1.5					RELEASED	7-31-11	(AM)	11:30
						MILES FROM STATION TO WELL			45

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 Flok	Lb	259	\$	1,333.35
CC 124	FLA-322	Lb	208	\$	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 Fill Float 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	\$	590.00
C 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:
------------------------	---

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



BASICSM
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

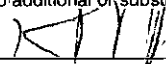
13-335-11W

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 PM	TIME
						ARRIVED AT JOB		AM PM	
						START OPERATION		AM PM	
						FINISH OPERATION		AM PM	
						RELEASED		AM PM	
						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: 
(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	Built Delivery	tm	583	\$	932 40
P CE 206	Cement Pump: 5,000 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 	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

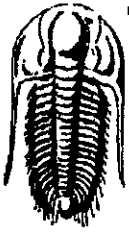
Customer Chieftain Oil Company, Inc.	Lease No. Lease Jake	Well # 3	Date 7-31-11
Field Order # 4391	Station Pratt, Kansas	Casing" 5 1/2	Depth 15,516 ft
Type Job C.N.W. - Longstring	Formation	County Barber	State Kansas
		Legal Description 13-335-11W	

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME			
Casing Size 5 1/2	Tubing Size 5 1/8	Shots/Ft 225	From 108	To 15	AA2 with 88 FLA-322, 28 De	Rate 322	Press 28	ISIP 5 Min.	Gas Bblt 18
Depth 5,234	Depth 5,234	From 108	To 15	5Lb./sk. G	Max 1150	Min. 1.43	U.F.T./sk. 1.43	10 Min.	
Volume 24.6	Volume 24.6	From 108	To 15	Gal. 5.94	Gal. 5.94	Avg 1.43	U.F.T./sk. 1.43	15 Min.	
Max Press. 1,500	Max Press. 1,500	From 108	To 15						
Well Connection Mud on	Annulus Vol. Packer	From 50	To 30	shots AA2 top	plug Rat (30	HHP Used and Mouse	(20	shots) holes	Annulus Pressure
Plug Depth 5,212	Packer Depth 5,212	From 50	To 30	shots AA2 top	plug Rat (30	HHP Used and Mouse	(20	shots) holes	Total Load

Customer Representative Ron Molz	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	33,708	20,920
Driver Names Messick	Mathal	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 15.5Lb./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			6	Start Fresh Water Pre-Flush.
			20	6	Start Mud Flush.
			32	6	Start Fresh Water spacer.
			52	6	Start Super Flush II.
			64	5	Start Fresh Water Spacer.
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 28KCL Displacement.
			82	5	Start to lift cement.
10:33	1,000		124		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held.
	-0-		7-5	3	Plug Rat and Mouse holes.
					Wash up pump truck.

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

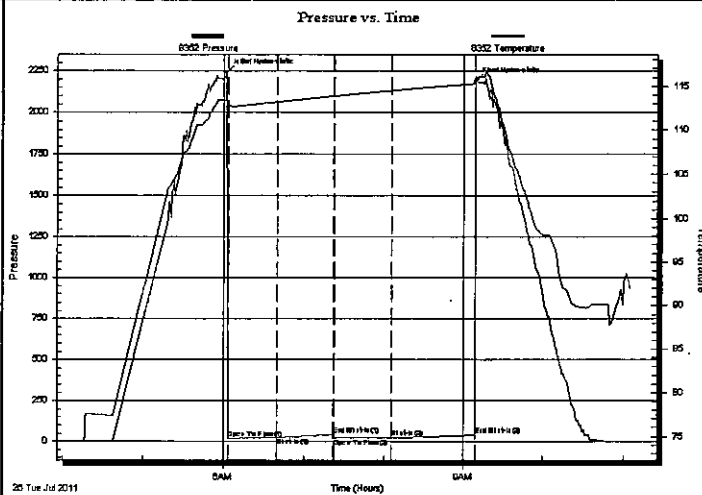
Jake #3
13-33s-11w Barber,KS
Job Ticket: 43519 **DST#: 1**
Test Start: 2011.07.26 @ 04:16:05

GENERAL INFORMATION:

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

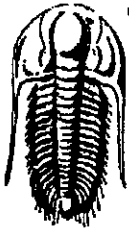
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.31	113.40	Initial Hydro-static
2	19.62	112.79	Open To Flow (1)
38	23.96	113.20	Shut-In(1)
80	44.09	113.89	End Shut-In(1)
81	19.91	113.88	Open To Flow (2)
124	23.16	114.50	Shut-In(2)
187	40.63	115.27	End Shut-In(2)
187	2188.00	116.06	Final Hydro-static

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 (Mcf/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

Jake #3
13-33s-11w Barber,KS
Job Ticket: 43519 **DST#: 1**
Test Start: 2011.07.26 @ 04:16:05

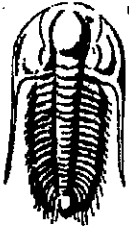
Tool Information

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
			<u>Total Volume: 60.72 bbl</u>	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	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
Kiowa, KS 67070+1912
ATTN: Arden Ratzlaff

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

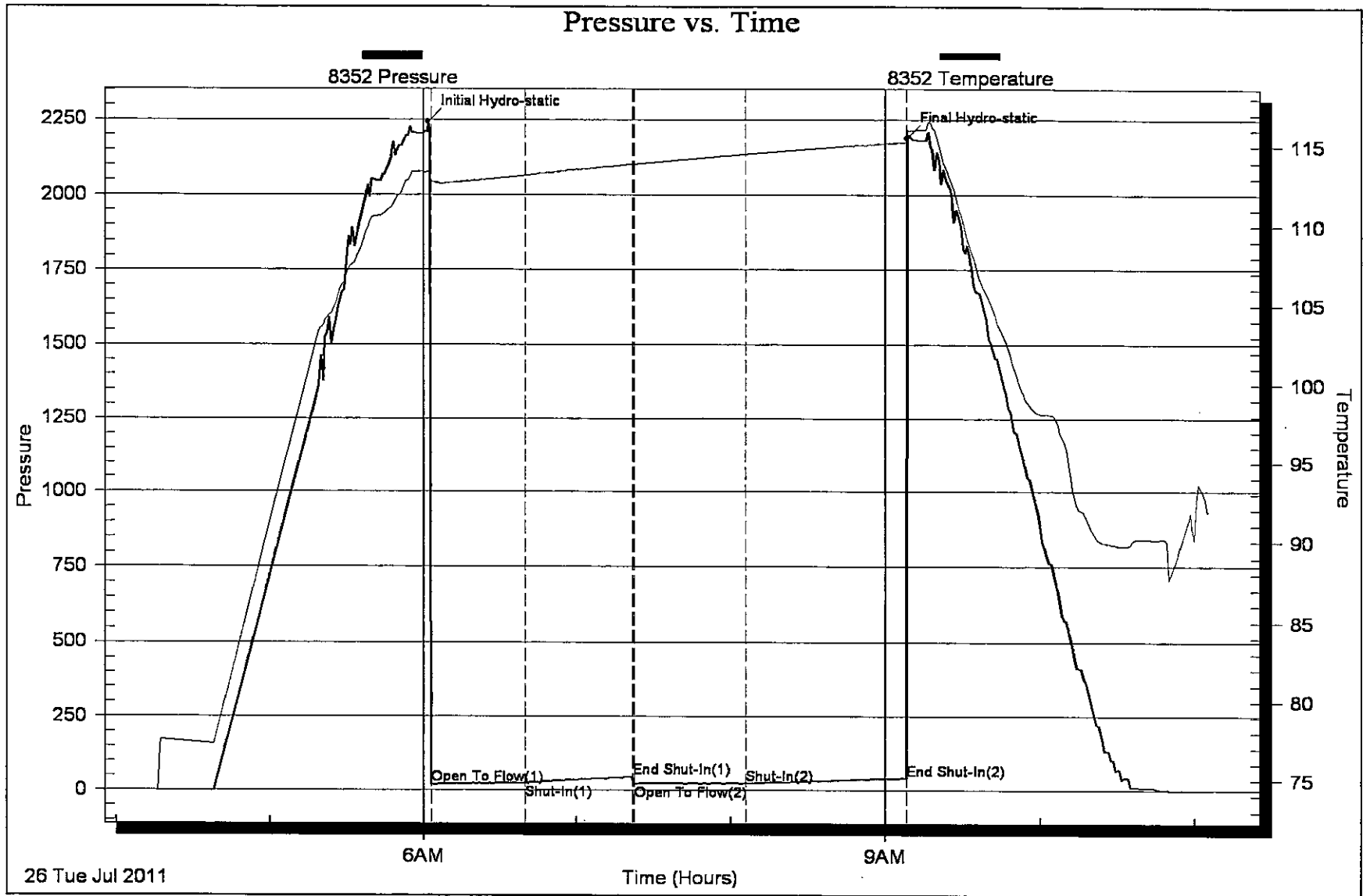
Num Gas Bombs: 0

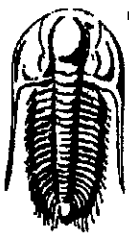
Serial #:

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

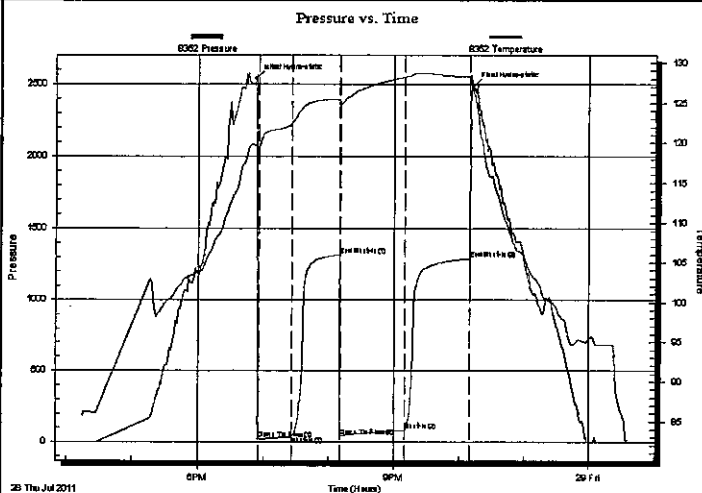
Jake #3
13-33s-11w Barber,KS
Job Ticket: 43520 **DST#: 2**
Test Start: 2011.07.28 @ 16:15:05

GENERAL INFORMATION:

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

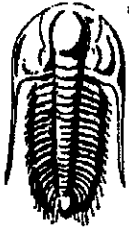
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2539.67	119.70	Initial Hydro-static
3	19.78	119.39	Open To Flow (1)
34	39.56	122.50	Shut-In(1)
77	1312.12	125.44	End Shut-In(1)
78	44.49	124.92	Open To Flow (2)
138	83.74	128.19	Shut-In(2)
198	1288.36	128.26	End Shut-In(2)
201	2487.45	126.30	Final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

Recovery

Length (ft)	Description	Volume (bbl)
140.00	MWw/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

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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

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.
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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

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 ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

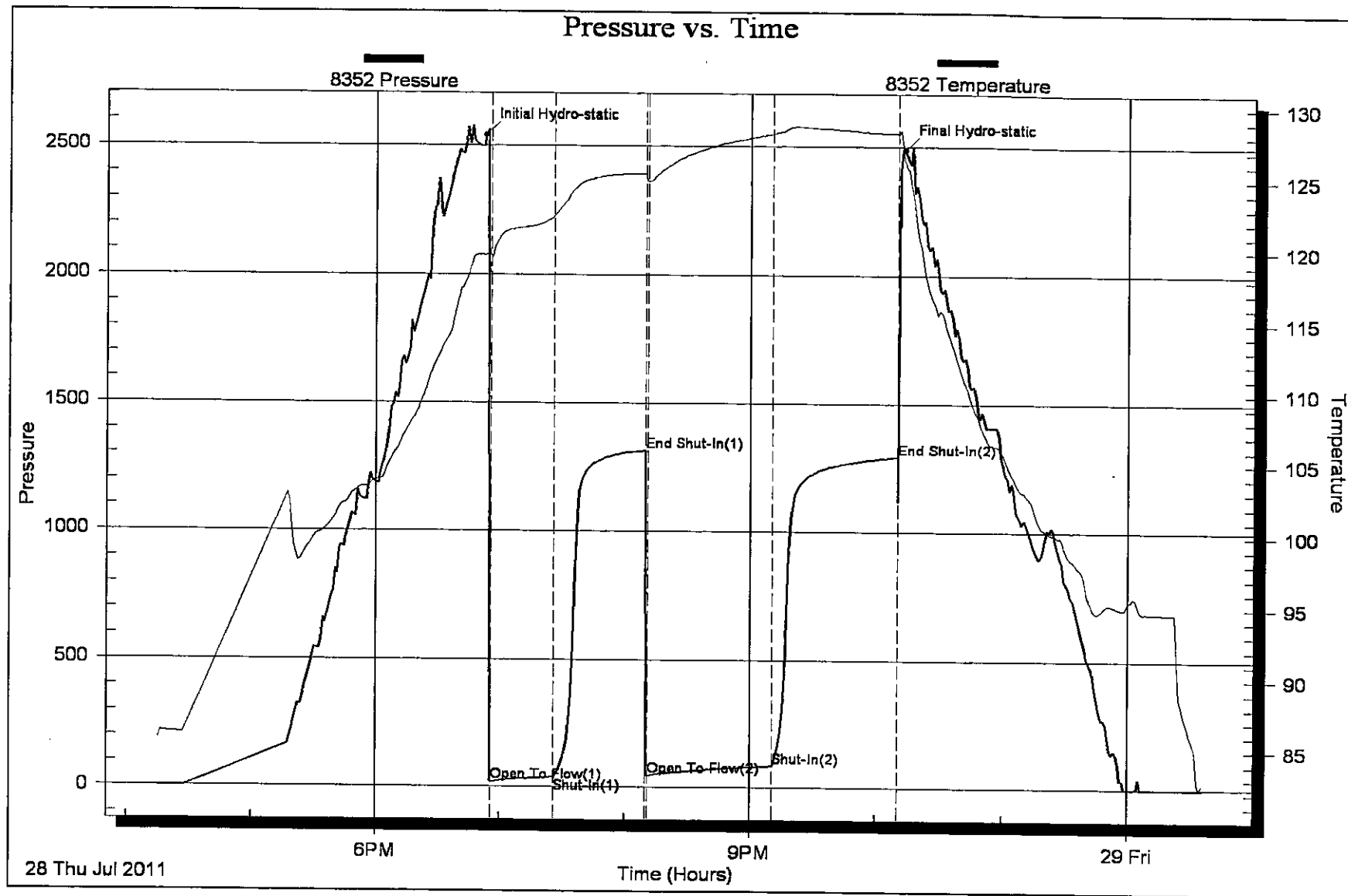
Length ft	Description	Volume bbl
140.00	M/Ww /oil specks in tool m=20% w =80%	0.838
0.00	GIP= 100ft	0.000

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 Bitting Bldg. Wichita, KS 67202

COMPANY CHIEFTAIN OIL CO., INC.

LEASE JAKE No. 3

FIELD TRAEFAS

LOCATION NW NE SE NE

SECTION 13 TOWNSHIP 33S RANGE 11W

COUNTY BARBER STATE KANSAS

CONTRACTOR FOSSIL DRILLING RIG NO. 2

COMMENCED DRILLING 7-19-11

COMPLETED DRILLING 7-30-11

RTD 5234 FEET LTD 5234 FEET

MUD UP AT 3100 FEET MUD TYPE CHEMICAL

DRILLING TIME AND SAMPLE LOG

ELEVATIONS

KB 1596

DF 1594

GL 1588

Measurements Are All
From K. B.

CASING

8 5/8" @ 332' W 250 SX

5 1/2" @ 5232' W 225 SX

ELECTRICAL SURVEYS

**LOG-TECH - GAMMA RAY, DUAL
INDUCTION, COMPENSATED NEUTRON
& DENSITY, S. P. & CALIPER**

FORMATION TOPS

SAMPLE

ELECTRIC LOG

HEEDNER	3719 (-2123)	3719 (-2123)
LANSING	3928 (-2332)	3928 (-2332)
BASE KANSAS CITY	4409 (-2807)	4401 (-2805)
CHEROKEE	4594 (-2998)	4591 (-2995)
MISSISSIPPIAN	4609 (-3015)	4609 (-3013)
KINDERHOOK	4835 (-3239)	4835 (-3239)
VIOLE	4948 (-3152)	4947 (-3251)
SIMPSON	5042 (-3446)	5000 (-3444)
ARBUCKLE	5190 (-3594)	5191 (-3595)
TOTAL DEPTH	5234 (-3138)	5234 (-3638)

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

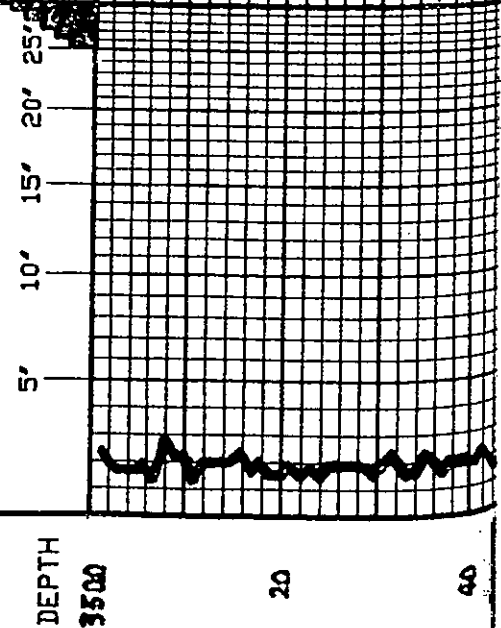
NOTE: NATIVE AMERICAN FURNISHED THE MUD - TRILOBIT THE DRILL STEM TESTS - SAMPLES DEPOSITED AT THE K.G.S. SURVEY

LEGEND

	Anhydrite
	Salt
	Sandstone
	Shale
	Carb sh
	Limestone
	Dol. Lime
	Chert
	Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Increases



DEPTH
3500

20

40

SAMPLE DESCRIPTIONS

REMARKS

SHARPENED GEL. GEL. CON. RED. TO HARD F.
FOR DR. LOG. BY J. T. HANSEN
V. N. DR. TO DENSE HARD L. M. T. P.
R. G. L. L. (M)

LITHOLOGY

60
80
3600
20
40
60
80
3700
20
40
60
80

LM. CRM. BLUE GRAY & TAN. FN. YLN.
SUB-CULKY & TO CULKY TO DENSE &
HARD W. MED TO DK GRY. BLK. GRY-
GRN. & RED SH.

SH. MED GRY. GRY-GRN. SM DK GRY &
RED W. LM AS ABOVE

SH. MED TO DK GRY. GRY-GRN. V. SCOT
BLK & RED W. CRM. BLUE & TAN. FN. YLN.
SUB-CULKY TO DENSE. HARD LM. SCAT
LT GRY. W. SM BLK. SPKS. SILTY LM.

SH. AS ABOVE W. SILTY LM AS ABOVE
PLUS GRY. TAN & BRN. FN. YLN. SUB-
CULKY TO PRE-DENSE. HARD LM.

SH. MED GRY. GRN. GRY-GRN. SM BLK &
RED W. LM. SILTY LM AS ABOVE

SH. AS ABOVE W. SILTY MICA & LT GRY.
STILL RED. GRN. BLK. SH.

SH. MED GRY. GRY-GRN. SM RED SILTY &
LM IN PART W. SCOT BLUE. TAN & BRN.
FN. YLN. DENSE. HARD LM.

SAME W. SCAT BLK. SH.

HEEBNER 3719
-2123

SH. BLK. CARB. (GAT. RUBBLES) PLUS SH
AS ABOVE & BLUE. GRY. TAN & BRN.
FN. YLN. PRE-DENSE. HARD LM.

LM. WIL. CRM. LT GRY (GRN. TINTED) BLUE
& TAN. FN. YLN. PRE-DENSE & HARD.
SM SUB-CULKY & TO CULKY. SM SH
AS ABOVE PLUS RED SH.

SAME AS ABOVE

SH. MED TO DK GRY. GRN. GRY-GRN.
SCAT BLK & RED PLUS LM AS ABOVE

3800

20

40

60

80

3900

20

40

60

80

4000

20

40

LM-BUFF GRV TAN & TR BRN EN XIN
PRED DENSE & HARD W. SILTS ABOVE

LM & SILTS ABOVE

SH-GRV-GRN GRV & SCOT BLK V SCOT
RED W. LT GRV SILTY SILT CL. DENSE
HARD LM

SILT & SILT-LT GRV SILT-LT GRV W. SM
TR BRN W. SILTS ABOVE & SCOT SILTY
IN

SAME W. SCOT BUFF TAN & TR BRN EN
XIN DENSE HARD LM

SILT-LT GRV BLK SPIN PLUS MED TO
DR GRV & BLK SW W. SCOT GRV BUFF
TAN & BRN EN XIN PRED DENSE HARD LM

LANSING 3928
-2332

LM-BUFF GRV TAN & BRN EN XIN
PRED DENSE HARD W. MED TO DR GRV
GRV-GRN GRV & TR BLK IN - STILL
SCOT SILT

LM-CRM BUFF GRV TAN & BRN EN XIN
SUB-CHLKY TO PRED DENSE & HARD
PLUS CRM GRV & TAN EN TO TR CRTE
OOD LM W. SPOTTY BULL FLOR BRDR
PDR? (PDR?) - NO GAS OR OIL SHOW

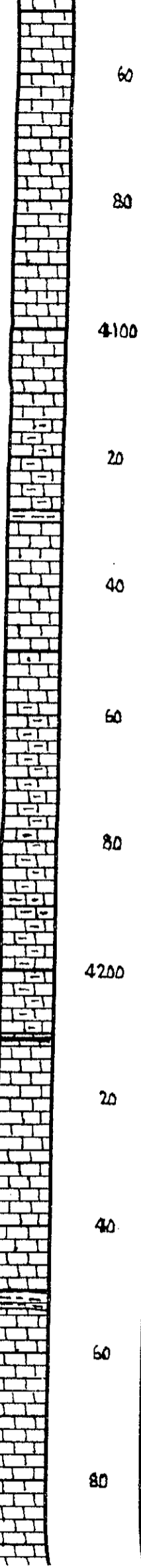
LM-CRM BUFF GRV TAN & BRN EN
XIN SUB-CHLKY TO TR CHLKY TO PRED
DENSE & HARD

LM AS ABOVE

LM-CRM BUFF GRV TAN & BRN EN
XIN SUB-CHLKY TO PRED DENSE &
HARD & TR INH. CHLKY LM

LM AS ABOVE

LM-BUFF GRV TAN EN XIN



60
80
4100
20
40
60
80
4200
20
40
60
80

KANSAS CITY — 4211
— 2615

1 M. WH. CRM. BLUE GRN TAN & BRN. EN
YLN SUB-CHLKY & SCAT CHLKY TO DENSE
& HARD

1 M. CRM. GRN TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD

1 M. CRM. BLUE GRN TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD

1 M. BLUE GRN TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD
W. SCAT MED TO DK GRN & BLV SH

1 M. & SH AS ABOVE W. SILLING IN SW
CORNER & TO SHLY LT GRN SILT.

1 M. BLUE GRN TAN & BRN. EN YLN
DK GRN TO BLV (OR GUL) IN PART DENSE
& HARD W. CONS. DK GRN & BLV SH

SAME W. SCAT GRN-GRN & GRN SH

1 M. LT GRN BLUE TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD W.
CONS. DK BRN & DK GRN. EN YLN. DENSE
& HARD. 1 M. & DK GRN & BLV &
GRN-GRN SH.

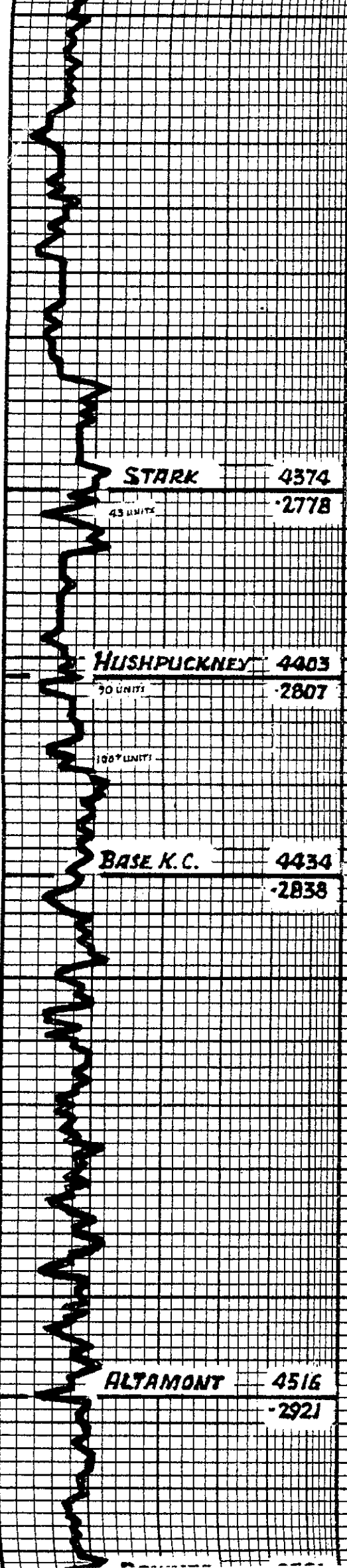
1 M. CRM. BLUE GRN TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD PLUS 1 M.
WH. CRM. CHLKY & SUB-CHLKY TO BLUE
& GRN SILT. 1 M. W. SPOTTY BRN
GRN. YUG & INTER-RLN POR. N.S.

1 M. AS ABOVE W. BRN 1 M. PLUS V. SCAT
LT GRN. FRESH. SUB-TRANSL. CRYP.

1 M. CRM. BLUE GRN TAN & BRN. EN YLN
SUB-CHLKY TO DENSE & HARD. 7 FT. CRYP
AT ABOVE

1 M. WH. CRM. LT GRN BLUE TAN & BRN. EN
YLN SUB-CHLKY & 3 M. CHLKY TO DENSE
& HARD 1 M.

4300
20
40
60
80
4400
20
40
60
80
4500
20
40



STARK 4374
4378

HUSHPUCKNEY 4403
4407

BASE K.C. 4434
4438

ALTAMONT 4516
4521

1M. CRM. BLUE GRAY & TAN EN XIN SUB-CHILKY TO DENSE & HARD W/ SCOT MED TO DV GRAY & GRAY-GRN SH

1M AS ABOVE W/ BRN 1M BLUE V SCOT LT GRAY & BRN. FRESH SNRP. FOKS. SUB-TRAILL. CRT

1M L CRT AS ABOVE

1M LT GRAY BLUE TAN & BRN EN XIN DENSE HARD 1M IN CRT AS ABOVE

SH. BLK. V CARB (GAS BUBBLES) IN BLUE GRAY TAN & BRN EN XIN. PREP DENSE HARD 1M

SH. BLK. CARB & SCOT GRAY-GRN. PLUS CRM. BLUE LT GRAY & TAN EN XIN. SUB-CHILKY TO DENSE. HARD 1M

SH & 1M AS ABOVE PLUS BLUE EN XIN. PREP DENSE & HARD. SCOT PIECES IN TINY FLUIDS IN SECONDARY RE-XIN. BULKY SPATTY TO SAT W/ F. WIG (TR. BLIGHT) PREP. BOOR. PIP. GAS BUBBLES. WHEN BROKEN - FAIR GAS ODOR

0002 SCOT SHOWS PIECES AS ABOVE & 1M CHILKY 1M - W/ BK ODOR (60 MIN GRC) SH. MED TO DV GRAY GRAY-GRN. PLUS CRM. BLUE GRAY TAN & BRN EN XIN. SUB-CHILKY TO DENSE. HARD 1M

SH. BLK. CARB W/ TM MED TO DV GRAY GRAY-GRN PLUS LT GRAY BLUE TAN & BRN EN XIN. SUB-CHILKY TO DENSE. HARD 1M

SH. MED TO DV GRAY GRAY-GRN TO BLK W/ SCOT 1M AS ABOVE

1M GRN LT GRAY BLUE & TAN EN XIN. PREP DENSE & HARD W/ MED TO DV GRAY GRAY-GRN & TO BLK SH

1M GRN LT GRAY & BLUE EN XIN. PREP DENSE & HARD W/ SCOT SH AS ABOVE

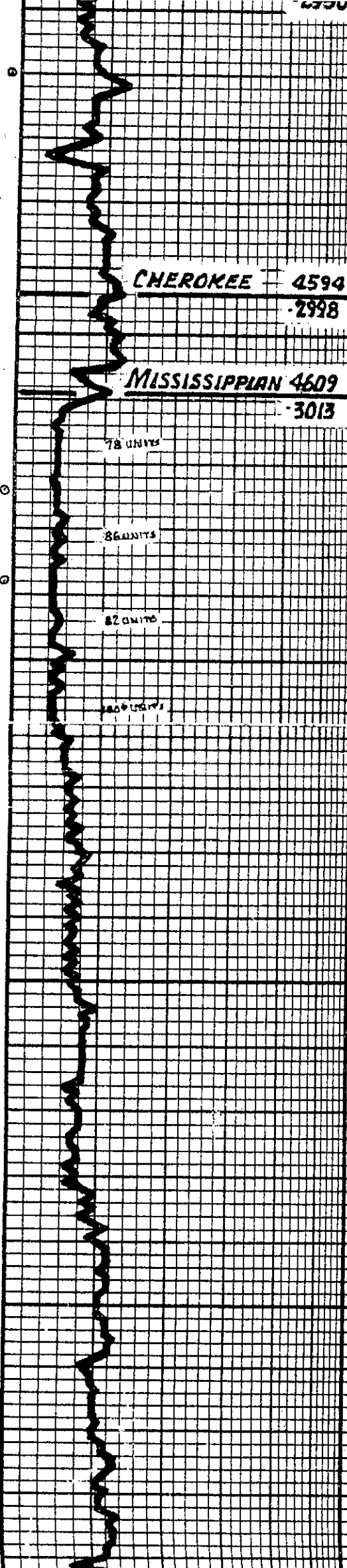
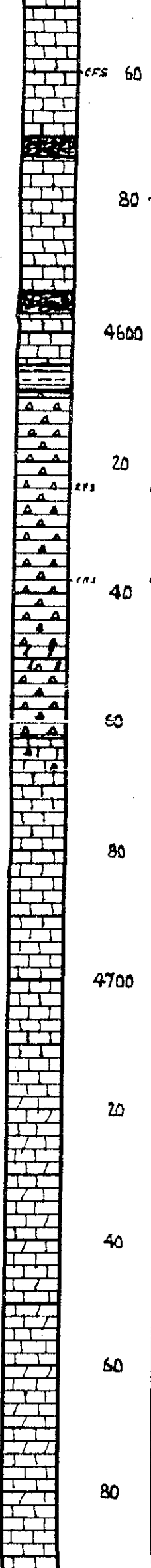
1M BLK. CRM. BLUE GRAY & TAN EN XIN. SUB-CHILKY TO CHILKY TO DENSE & HARD W/ SCOT MED TO DV GRAY BLK. GRAY GRAY-GRN SH

1M AS ABOVE - PREP DENSE & HARD

DST No 1(4401-4449)

30-45-45-60
WEAK BLOW TO 1 1/2" IN BUCKET (1st OPEN)
WEAK 1" BLOW DIED IN 40 MIN (2nd OPEN)
REC: 20' MUD W. OIL SPECKS IN THE TOOL.
151P/44# FS1P/40#
1FP/19-23# FFP/19-23#
TEMP: 115°F.

STRAIGHT HOLE SURVEY AT
4409 = 3/4"



GRY TAN LT BRN EN XIN SUB-CHILKY
 TR CHILKY TO DENSE & HARD

LM. WH. CRM. BLUE. GRY. TAN & BRN.
 EN YLN. SUB-CHILKY & TR. CHILKY TO
 BRN DENSE & HARD

SH. BLK. CARB. & TR. GRY. BLUE. BRN.
 LM. AS ABOVE

CHEROKEE 4594 -2998

LM. AS ABOVE IN BLK. CARB. MED TO
 DR. GRY. CARB. GRY. - GRN. SH.

MISSISSIPPIAN 4609 -3013

78 UNITS
 (4670) CHRT. CRM. LT. GRY. & TR. BLUE. FRESH
 SUB-TRANS. TO TR. OPAQ. EN. YLN.
 FRAC. IN TAN. STN. IN. FRAC. GAS. BUBBLES
 & NEAR. CLEAR. OIL. DROPLETS. BLUE. FEW
 PIECES. LT. GRY. & TAN. CHRT. & DOL. MIXED
 DOL. V. S. SUCR. AL. TAN. STN. TR. GAS. BUBBLES
 & TINY. OIL. DROPLETS. GOOD. ODR.

86 UNITS
 (4675) CHRT. LT. GRY. BLUE & TR. TAN. FRESH. BRN.
 SUB-TRANS. & SHRD. SPOTTY. TINY. FRAC.
 IN TAN. STN. BLUE & DOL. CARBON. IN. BRN.
 DOL. OPAQ. TAN. & BRN. STN. SPOTTY. GAS. BUBBLES
 & NEAR. CLEAR. OIL. DROPLETS. GOOD. ODR.

82 UNITS
 CHRT. & CHRT. & DOL. MIXED. IN. SCRT. TAN.
 EN. YLN. V. S. SUCR. DOL. W. SPOTTY. TO. BRN.
 DULL. EL. ODR. TR. CLEAR. OIL. DROPLETS.
 WEAK. ODR.

100 UNITS
 CHRT. WH. & LT. GRY. FRESH. TR. OPAQ. TO
 BRN. SUB-TRANS. SUB. TR. POOR. FRAC.
 BR. BLUE. CHRT. & DOL. MIXED. PIECES
 IN. POOR. TOL. BRN. & V. SCRT. BLUE. GRY.
 & TAN. EN. YLN. DENSE. HARD. LM. TR. OIL.
 DROPLETS. GOOD. ODR.

LM. LT. DOL. BLUE. GRY. TAN. & BRN.
 BR. YLN. DENSE & HARD. W. V. SCRT.
 'SHAWI' PIECES AS ABOVE - WEAK. ODR.

LM. & CHRT. AS ABOVE - FRINT. ODR.

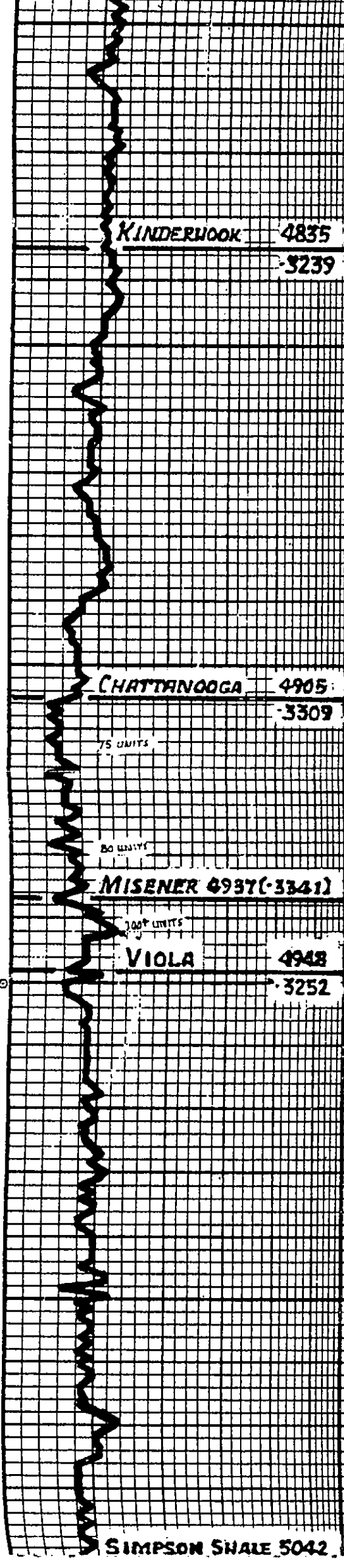
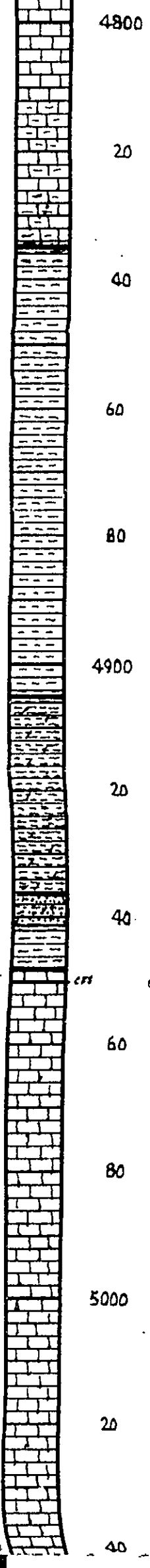
LM. AS ABOVE. W. BRN. LT. GRY. & WH.
 FRESH. BRN. SUB-TRANS. CHRT. &
 FEW. SCRT. 'SHAWI' PIECES AS ABOVE.
 FRINT. ODR.

LM. S. DOL. IN. PART. FAL. YLN. SUB-
 CHILKY TO BRN. DENSE & HARD.

LM. DOL. IN. PART. LT. BRN. GRY. TAN. &
 BRN. EN. YLN. BRN. DENSE & HARD. W. TR.
 LT. GRY. & TAN. FAL. YLN. IN. TAN. CHRT.
 IN. BRN.

LM. LT. & MED. GRY. BLUE. & TAN. EN. YLN. BRN.
 DENSE & HARD. W. CRM. WH. & GRY. FRESH.
 SUB-TRANS. TO SUB-OPAQ. CHRT.

LM. WH. CRM. BLUE. GRY. GRY. GRN. &
 TAN. EN. YLN. CHILKY & SUB-CHILKY TO
 DENSE & HARD. W. SCRT. MED. TO DR. GRY.
 GRY. GRN. & BLK. SH.



LIM. WH. CRD. LT. GR. BR. Y. IN. CH. UN. &
 SUB-CH. IN. GRN. BLUE. TAN. & BRN.
 FN. YLN. SUB-CH. TO DENSE. HARD
 LIM. W. MED. GR. & BL. GR. L. BK. CR.
 WASHES GR.

LIM. & SH. AS ABOVE - WASHES WH.

KINDERHOOK 4835
4839

SH. MED. TO DK. GR. GRN. GR. - GRN. BL. Y.
 STILL LIM. AS ABOVE (WH. CH. UN. & DENSE
 HARD LIM.)

SH. AS ABOVE TO SOLICITARY

SH. MED. TO DK. GR. BL. Y. (SH. CRD.) & GR. -
 GRN. TO SOFT & WILKY. GR. CR.

CHATTANOOGA 4905
4909

SH. BLK. (CRD.) DK. GR. SLI. DOL. &
 SP. BEARING

75 UNITS

SH. BLK. & BRN. BL. Y. CRD. GAS
 RUBBLES) SP. DOL. IN PART

80 UNITS

MISENER 4937 (4941)

100 UNITS

VIOLA 4948
4952

90% SH. CR. LT. GR. & NEAR WH. W. SOFT BLK. SPKS
 EN. Y. EN. CR. IN. SUB. RND. TO WEL-
 RND. GR. IN. CLUSTERS II. HARD. BL. Y.
 FAIR. EN. SCATTER. TO SOFT. CR. AND
 BRN. CLUST. TE. SH. DILL. TRP.
 BR. FLOR. SMALL L. W. NEAR
 CLEAR OIL DRAPETS. RAD. FLOATED?
 W. GR. CR.

LIM. WH. CRD. BLUE. GR. TAN. EN. X. IN.
 SUB-CH. TO DENSE. & HARD. W.
 LT. GR. FRESH. SUB. TR. IN. L. RDN. DILL.
 RDN. HARD. CRT.

LIM. AS ABOVE & CRT. AS ABOVE W. SH.
 DILL. BR. CRT. W. MICRO ORGANISMS
 IN. RDN.

LIM. AS ABOVE W. TAN. & RDN. P. CR.
 DILL. CR. CRT. IN. TINY BLK. ORGANISMS
 IN. RDN.

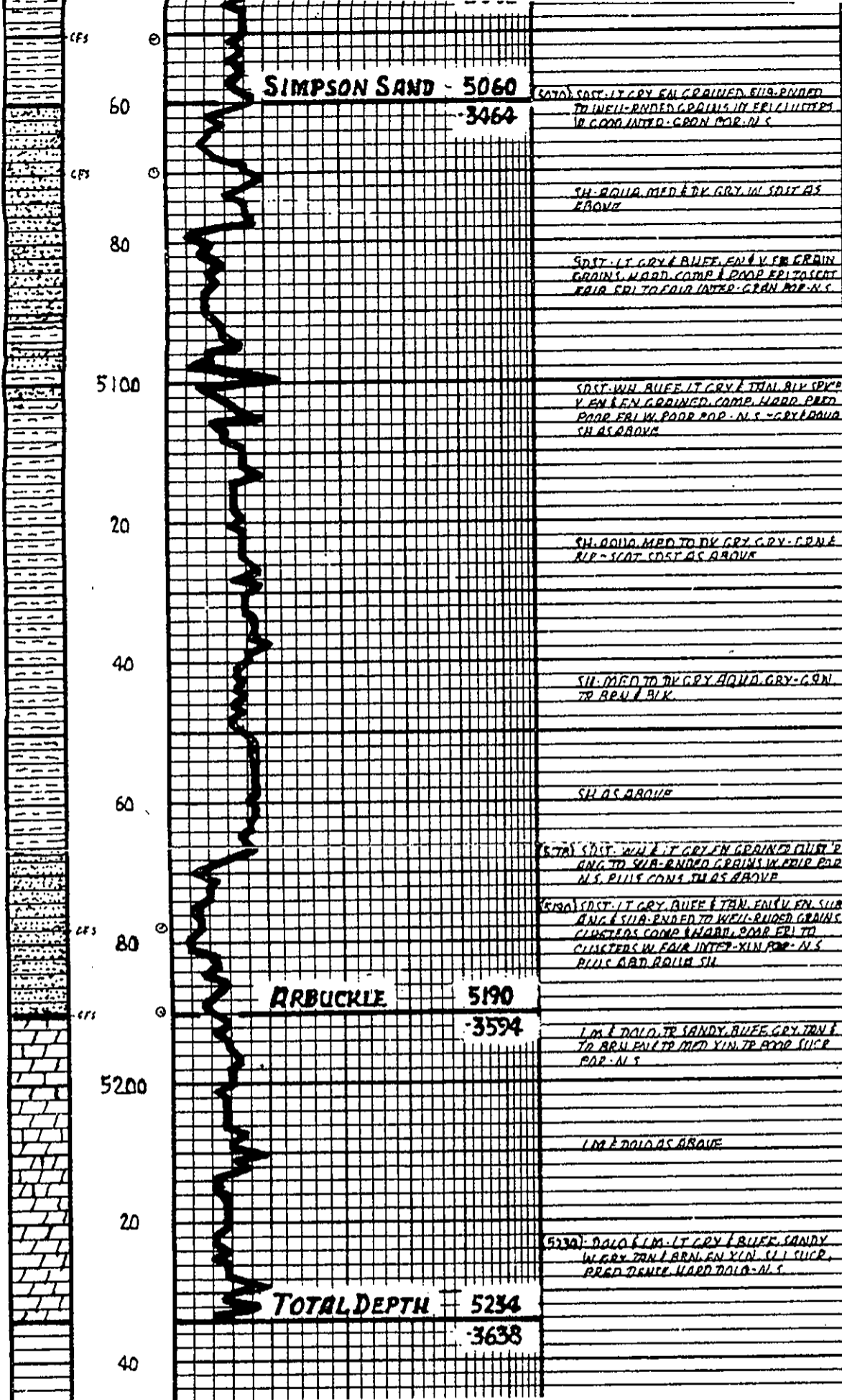
LIM. & CRT. AS ABOVE. W. MED. TO DK.
 GR. CR. (TR. RDN.) CR. GRN. & BL. Y. W.
 CONS. LIM. & CRT. AS ABOVE.

SH. GRN. GR. - GRN. MED. TO DK. GR. & TO
 BL. Y. W. LIM. & CRT. AS ABOVE.

DST No. 2 (4932-4950)
 30-45-60-60
 WEAK BLOW BUILDING TO
 12 INCHES 30 MIN (2" OPEN)
 SLOW BLOW BUILDING TO
 B.O.B IN 57 MIN (2" OPEN)
 REG: 100' GAS IN PIPE & 100'
 MUDDY WTR. W. SLI. OIL SPKS
 IN TOOL (80% WTR & 20% MUD)
 (CHLORIDES 7500 PPM)
 151P/1312# P51P 1288#
 1PP/19-39# FFP 44-83#
 TEMP 128° F.

PIPE STRAP @ 4950'
 STRAP 4924.95'
 BOARD 4920.11'
 STRAP LONG 4.24'

STRAIGHT HOLE SURVEY 4950'
 DEVIATION = 3/4°



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/>

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



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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