



KANSAS CORPORATION COMMISSION 1065671
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: 605 S. 6th; PO Box 124
Address 2: _____
City: KIOWA State: KS Zip: 67070 + 1912
Contact Person: Ron Molz
Phone: (620) 825-4030
CONTRACTOR: License # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: Arden Ratzlaff
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 #: _____

<u>11/24/2010</u>	<u>12/10/2010</u>	<u>2/7/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23773-00-00

Spot Description: _____
NE SW SE SE Sec. 3 Twp. 35 S. R. 11 East West
340 Feet from North / South Line of Section
700 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber
Lease Name: Kilmer Well #: 1
Field Name: Hardtner

Producing Formation: Mississippi
Elevation: Ground: 1335 Kelly Bushing: 1345
Total Depth: 5454 Plug Back Total Depth: 5396
Amount of Surface Pipe Set and Cemented at: 301 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 10000 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Molz Oil Co., Inc.
Lease Name: Gamer SWD License #: 6006
Quarter NE Sec. 11 Twp. 33 S. R. 10 East West
County: Barber Permit #: D-28-060

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: Deanna Gerrico Date: 10/21/2011



1065671

Operator Name: Chieftain Oil Co., Inc. Lease Name: Kilmer Well #: 1
 Sec. 3 Twp. 35 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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 Top Datum Attached Attached 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	17.25	13.375	24	301	60/40 Poz	300	2% Salt
Production	7.875	5.5	15.5	5442	Common	225	Gas Block 2% Salt

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 (Amount and Kind of Material Used)	Depth
4	4766-4778	1000 Gal 7-1/2 Acid	4766-78
		1500 Gal 15% Acid	4766-78
		Frac 168,000# Sand	4766-78
		10,000 BBLs Slick Water	

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4800</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/15/2011</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>5</u>	Gas Mcf <u>60</u>	Water Bbls. <u>250</u>
		Gas-Oil Ratio	Gravty

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Kilmer 1
Doc ID	1065671

All Electric Logs Run

Cement Bond Log
Dual Compensated Porosity Log
Dual Induction Log
Geological Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Kilmer 1
Doc ID	1065671

Tops

Heebner	3689	-2344
Lansing	4270	-2925
Cherokee	4659	-3314
Mississippi	4764	-3419
Kinderhook	4934	-3589
Viola	5145	-3800
Simpson	5237	-3892
Simpson Sand	5267	-3922
Arbuckle	N.L.	N.L.
Total Depth	5454	-4109



PAGE 1 of 1	CUST NO 1000719	INVOICE DATE 11/29/2010
INVOICE NUMBER 1718 - 90465777		

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

J LEASE NAME Kilmer 1
 O B LOCATION
 B COUNTY Barber
 S STATE KS
 I T JOB DESCRIPTION Cement-New Well Casing/Pi
 B JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40256982	19905		Net - 30 days	12/29/2010
<i>For Service Dates: 11/24/2010 to 11/24/2010</i>				
0040256982				
171803086A Cement-New Well Casing 8 5/8" Surface				
60/40 POZ				
Cello-flake				
Calcium Chloride				
Wooden Cement Plug 8 6/8"				
Unit Mileage Charge-Pickups, Vans & Cars				
Heavy Equipment Mileage				
Proppant and Bulk Delivery Charges				
Depth Charge 0-500'				
Blandng & Mixing Service Charge				
Plug Container Utilization Charge				
Supervisor				
	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
	300.00	EA	8.26	2,483.78 T
	75.00	EA	2.55	191.46 T
	774.00	EA	0.72	560.71 T
	1.00	EA	110.39	110.39
	55.00	HR	2.93	161.27
	110.00	MI	4.83	531.25
	710.00	MI	1.10	783.77
	1.00	HR	689.94	689.94
	300.00	MI	0.97	289.77
	1.00	EA	172.48	172.48
	1.00	HR	120.74	120.74

ENTERED
 DEC 06 2010
 9121 BG

PAID
 DEC 23 2010
 BY: 554R

PLEASE REMIT TO: SEND OTHER CORRESPONDENCE TO:
 BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP SUB TOTAL 6,095.56
 PO BOX 841903 PO BOX 10460 TAX 236.22
 DALLAS, TX 75284-1903 MIDLAND, TX 79702 INVOICE TOTAL 6,331.78

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Chaffin Oil</i>	Lease No.	Date <i>11-24-10</i>
Loose <i>Kilmer</i>	Well # <i>1</i>	
Field Order # <i>3086</i>	Station <i>PRATT</i>	Casing <i>8 5/8</i>
Type Job <i>CNW 8 5/8 Surface</i>	Depth <i>303</i>	County <i>BARBER</i>
	Formation	State <i>KS</i>
		Legal Description <i>3-35-17</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>303</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>18</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>200</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>Robert D. Smith</i>	Treater <i>Bob J. Walker</i>
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Service Units	<i>19867</i>	<i>19903</i>	<i>19905</i>	<i>19824</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>MATHOL</i>		<i>BLACK</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1620</i>					<i>on loc. Soft mostly</i>
					<i>Run 7 str 8 5/8 24 csp.</i>
<i>1915</i>					<i>CASING on Bottom</i>
<i>1925</i>					<i>Hook up to circ.</i>
<i>1930</i>	<i>300</i>		<i>3</i>	<i>3</i>	<i>SPACER</i>
<i>1935</i>				<i>5</i>	<i>mix cmt 300 lb 60/40 p02</i>
<i>1940</i>					<i>3% cc. 114 lb cell dex</i>
<i>1945</i>	<i>300</i>		<i>64</i>		<i>ring mixed shut down</i>
<i>1950</i>				<i>4</i>	<i>Release Plug</i>
			<i>18</i>		<i>at Ring</i>
					<i>Plug Down</i>
					<i>circulated 83 BBL cmt to Pit</i>
					<i>Job complete</i>
					<i>Thank you</i>



PAGE 1 of 1	CT NO. 1000719	INVOICE DATE 12/13/2010
INVOICE NUMBER 1718 - 90477788		

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

J LEASE NAME Kilmer 1
 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	
40262648	19905		Net - 30 days	01/12/2011	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/11/2010 to 12/11/2010</i>					
ENTERED					
0040262648 JAN 04 2011					
-9121 BL					
171803133A Cement-New Well Casing/Pi 12/11/2010					
CNW-5 1/2" Longstring					
AA2 Cement		275.00	EA	11.73	3,225.82 T
De-foamer		52.00	EA	2.76	143.52 T
Salt		1,364.00	EA	0.35	470.59 T
Gas-Blok		259.00	EA	3.55	920.38 T
FLA-322		208.00	EA	5.18	1,076.42 T
Gilsonite		1,375.00	EA	0.46	635.68 T
CS-1L KCl Substitute		5.00	EA	24.15	120.75 T
Mud Flush		500.00	EA	0.59	296.71 T
Super Flush II		500.00	EA	1.06	527.86 T
Latch Down Plug & Baffle		1.00	EA	276.01	276.01
Auto Fill Float Shoe		1.00	EA	248.41	248.41
Turbolizer		7.00	EA	75.90	531.31
5 1/2" Basket		2.00	EA	200.11	400.21
Heavy Equipment Mileage		110.00	MI	4.83	531.31
Proppant & Bulk Delivery Charges		712.00	MI	1.10	786.06
Blending & Mixing Service Charge		275.00	MI	0.97	265.66
Unit Mileage Charge-Pickups, Vans & Cars		55.00	HR	2.93	161.29
Depth Charge; 5001"-6000'		1.00	HR	1,987.24	1,987.24
Plug Container Utilization Charge		1.00	EA	172.50	172.50
Service Supervisor		1.00	HR	120.76	120.76

PAID
 JAN 11 2011
 BY: 5626

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

SUB TOTAL 12,898.48
 TAX 541.49
 INVOICE TOTAL 13,439.97



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

034026 1049
FIELD SERVICE TICKET
1718 03133 A

DATE _____ TICKET NO. _____

DATE OF JOB: 12-11-10	DISTRICT: PRATT, KS	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: CHRISTIAN OIL CO.		LEASE: KILMER		WELL NO. 1			
ADDRESS:		COUNTY: BARBER		STATE: KS			
CITY:		STATE:		SERVICE CREW: KG, WALTER J. BLANK			
AUTHORIZED BY:		JOB TYPE: COMM - LOW STRENGTH					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 12-11 AM/PM
19907		19959	3/4				TIME: 0900
		21010	1/4			ARRIVED AT JOB	AM/PM: 1500
19903	3/4					START OPERATION	AM/PM: 2315
19905	1/4					FINISH OPERATION	AM/PM: 2400
						RELEASED	AM/PM: 0030
						MILES FROM STATION TO WELL	54

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
CP105	HAZ. CEMENT	SK	275		4675.00
CC105	DEFORMER	lb.	52		208.00
CC111	SPART	lb.	1364		682.00
CC115	GAS BLOC	lb.	259		1333.85
CC129	FUN-322	lb.	208		1560.00
CC201	G. RESINITE	lb.	1375		921.25
CE607	5 1/2 LATCH DOWN PLUG	EA	1		400.00
CE1251	5 1/2 AFD FRONT SHOE	EA	1		360.00
CE1651	5 1/2 TURBOCLER	EA	7		770.00
CE1901	5 1/2 BASKET	EA	2		580.00
CE204	CS-12 KEL	gal.	5		175.00
CE151	MUD FLUSH	gal.	500		430.00
CE155	SUPERFLUSH TL	gal.	500		765.00
E100	PUMP WIRELINE	mile	55		233.75
E101	TRAIL WIRELINE	mile	110		770.00
E113	PULL DELIVERY	TRM	712		1139.60
CE206	PUMP CHARGE	EA	1		2880.00
CE240	BLENDING CHARGE	SL	275		385.00
CE504	PULL DOWN WIRE	EA	1		250.00
	5003 SERVICE SUPERVISOR	EA	1		175.00
				SUB TOTAL	175.00

CHEMICAL / ACID DATA:		

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		DLS 12,898.48

SERVICE REPRESENTATIVE: *P. GORDLEY*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: WATERBURY OIL CO Lease: KZEMER Well #: 1 Date: 12-11-10
 Field Order #: 3133 Station: PRATT KS Casing: 5/8" Depth: 544' County: BARBER State: KS
 Type Job: CNW-LONGSTRONG Formation: TD-5446 Legal Description: 3-35-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5/8"							5 Min.
Depth	Depth	From	To	Pre Pad	Max		
544'							
Volume	Volume	From	To	Pad	Min		10 Min
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: RON WOLTZ Station Manager: SCOTT Treater: CORDEY

Service Units	<u>19907</u>	<u>19903-19905</u>	<u>19957-21010</u>
Driver Names	<u>KG</u>	<u>WATKIN</u>	<u>J. BLANK</u>

Time	Casing Pressure	Tubing Pressure	Bois Pumped	Rate	Service Log
1500					OK CREATION - (CRACKED HOLE) RUN 544' 5/8" C.S. 128' JTS FRONT SIDE LATCH BARRIER 1 ST COLLAR CENT-4-7-8-14-15-17-20 BARSLET-2-10 RUN 21.90' SIBEST 11 JOINTS 22.93' MINIMUM JT. ES #12
235	300		12	6	RUN 12 bbl. WATER FLUSH
	500		5	6	RUN 5 bbl. H ₂ O
	500		12	6	RUN 12 bbl. SUPER FLUSH
	500		5	6	RUN 5 bbl. H ₂ O
	300		57	6	MIX 225 cu. INCH CEMENT .2% DEFOMER .8% FA-322, 1% CAS PAK 10% SPT 5" GYPSUM AT 15.0 PPS, 1.43 CFT/SK STOP - WATCH LINE - BRID PLUG
	0		0	6	START DEST WITH 2% H ₂ O
	200		88	7	LEFT CEMENT
	1800		120	4	SEED RATE
2400	200		128.8	4	PLUG DOWN - HOLD
					RIG RAT HOLE - 30 cu. INCH CEMENT PLUG MOUSE HOLE - 20 cu. INCH CEMENT JOB COMPLETE - KEVIN

Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone: 262-8938

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

COMPANY CHIEFTAIN OIL CO., INC.

LEASE KILMER No. 1

FIELD HARDNER

LOCATION NE SW SE SE

SECTION 3 TOWNSHIP 35 S RANGE 11 W 28 W

COUNTY BARBER STATE KANSAS

CONTRACTOR TOMCAT DRILLING RIG NO. 3

COMMENCED DRILLING 11-24-10

COMPLETED DRILLING 12-10-10

RTD 5446 FEET LTD 5454 FEET

MUD UP AT 3400 FEET MUD TYPE CHEMICAL

DRILLING TIME AND SAMPLE LOG

ELEVATIONS

KB 1345

DF 1388

GL 1355

Measurements Are All From K.B.

CASING

13 3/8" @ 301' w 300 ft.

5 1/2" @ 5442' w 225 ft.

ELECTRICAL SURVEYS

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

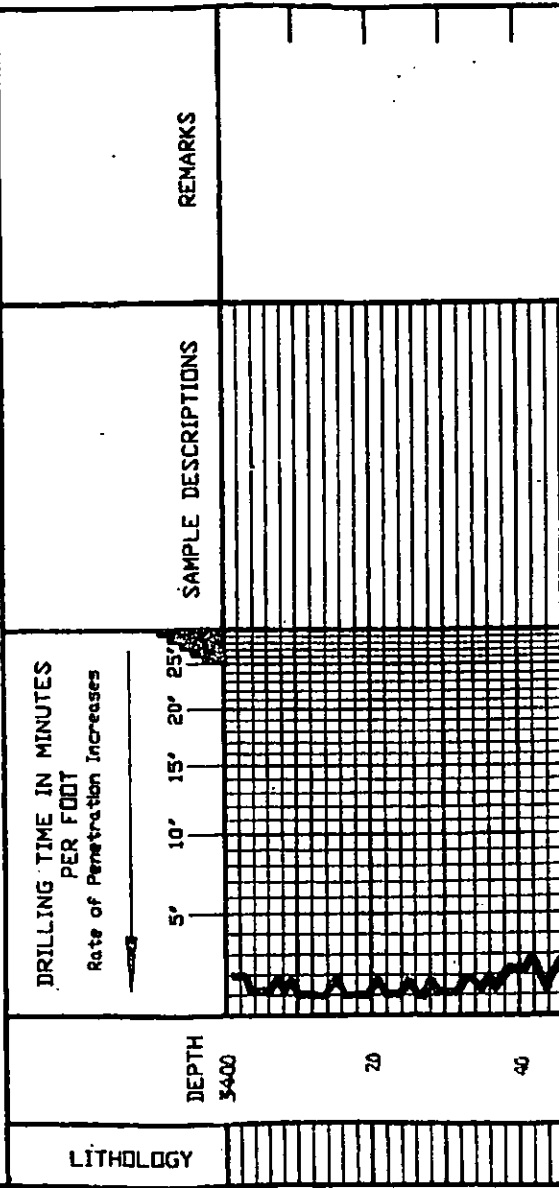
REMARKS: *After analyzing all of the pertinent information (samples, logs, production in this well, etc.) it was the decision that production testing is not expected to be profitable.*

Arden Ratzlaff, Petroleum Geologist

NOTE: SAMPLES DEPOSITED AT THE K.G.S. LIBRARY - NATIVE MUD FURNISHED THE MUD - TO CORRELATE WITH OTHER WELLS.

LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Dolomite
-  Chert
-  Dolomite



FORMATION TOPS

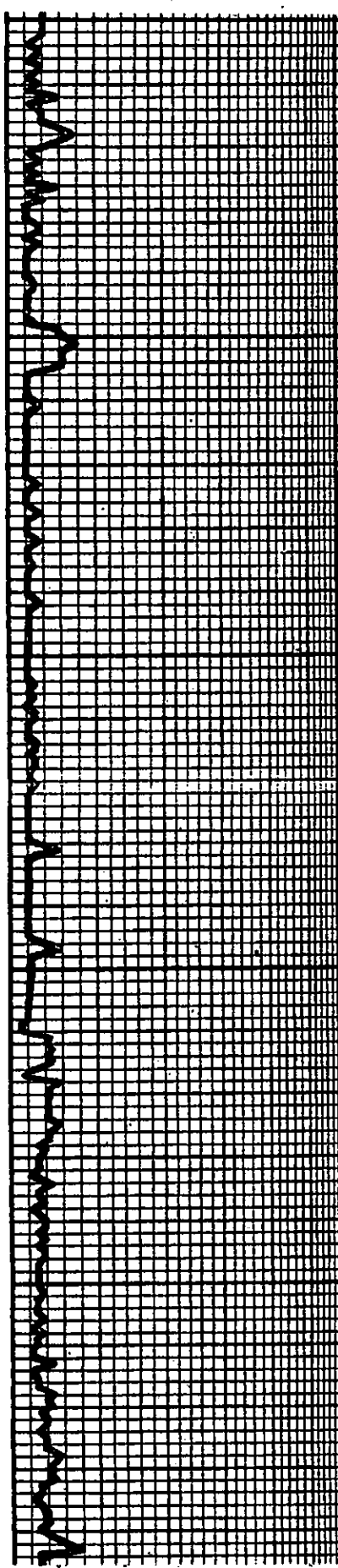
SAMPLE

ELECTRIC LOG

WEBBER	3721 (-2377)	3689 (-2304)
LANSING	4294 (-2949)	4270 (-2925)
CHEROKEE	4687 (-3348)	4659 (-3314)
MISSISSIPPIAN	4774 (-3429)	4764 (-3419)
KINDERHOOK	4933 (-3588)	4934 (-3589)
VIOLA	5143 (-3798)	5145 (-3800)
SIMPSON	5241 (-3896)	5237 (-3892)
SIMPSON SAND	5262 (-3917)	5267 (-3922)
ARBuckle	5439 (-4084)	N.L.
TOTAL DEPTH	5446 (-4101)	5454 (-4109)



60
80
3500
20
40
60
80
3600
20
40
60
80



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NOTE: CHECK AT
4442'

3700



20

HEEBNER

3722

-2377

40

60

80

3800

20

40

60

80

3900

20

40

10' CR. BLUE TAN SP. SANDY
CLAY. IN SHALE. IN CLAY. IN SHALE.
GR. GRAY. CON. SH.

SH. BL. SAND IN PART IN SANDY SAND
CLAY. IN SHALE. IN CLAY. IN SHALE.
CLAY. IN SHALE. IN CLAY. IN SHALE.
HARD. SH.

10' CR. BLUE TAN SP. SANDY
CLAY. IN SHALE. IN CLAY. IN SHALE.
GR. GRAY. CON. SH.

10' CR. BLUE TAN SP. SANDY

SH. BL. SAND IN PART IN SANDY SAND

10' CR. BLUE TAN SP. SANDY
CLAY. IN SHALE. IN CLAY. IN SHALE.
GR. GRAY. CON. SH.

SAME AS ABOVE

SH. BL. SAND IN PART IN SANDY SAND
CLAY. IN SHALE. IN CLAY. IN SHALE.
CLAY. IN SHALE. IN CLAY. IN SHALE.
HARD. SH.

SH. BL. SAND IN PART IN SANDY SAND

SH. BL. SAND IN PART IN SANDY SAND
CLAY. IN SHALE. IN CLAY. IN SHALE.
CLAY. IN SHALE. IN CLAY. IN SHALE.
HARD. SH.

SH. BL. SAND IN PART IN SANDY SAND
CLAY. IN SHALE. IN CLAY. IN SHALE.
CLAY. IN SHALE. IN CLAY. IN SHALE.
HARD. SH.

SH. BL. SAND IN PART IN SANDY SAND
CLAY. IN SHALE. IN CLAY. IN SHALE.
CLAY. IN SHALE. IN CLAY. IN SHALE.
HARD. SH.



60

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4000

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4100

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SOME AS ABOVE

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4200

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4300

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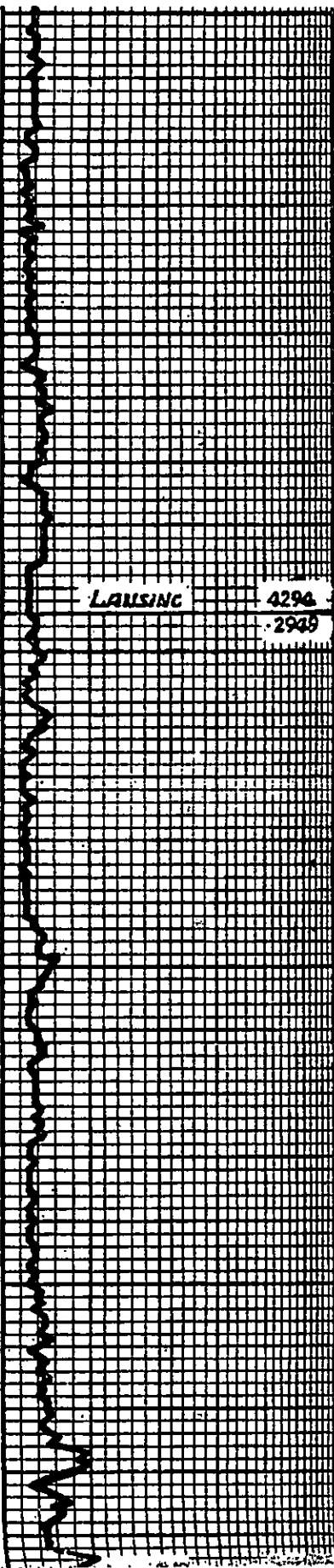
60

80

4400

20

40



LANSING 4296
2949

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SAME AS ABOVE

SAME AS ABOVE WITH SILT

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SH. SANDY CLAYSTONE IN CONTACT WITH
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SH. SANDY CLAYSTONE IN CONTACT WITH
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AT GRAVE

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SH. SANDY CLAYSTONE IN CONTACT WITH
AT GRAVE

SURVEY 4442' SHOWED
7° DEVIATION - CEMENTED
BACK 600' - REDRILLED

