

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
AUG 23 2010

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA ORIGINAL

OPERATOR: License # 34318
Name: Berexco LLC
Address 1: P.O. Box 20380
Address 2: _____
City: Wichita State: KS Zip: 67208 + 1380
Contact Person: Bruce Meyer
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: Beredco LLC
Wellsite Geologist: Bryan Bynog
Purchaser: Central Crude Corporation

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
17 June 2010 25 June 2010 21 July 2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-051-25994-0000
Spot Description: _____
SE NW NE SE Sec. 9 Twp. 14 S. R. 17 East West
2220 Feet from North / South Line of Section
743 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Simon Well #: 4
Field Name: Toulon
Producing Formation: Arbuckle
Elevation: Ground: 2019' Kelly Bushing: 2030'
Total Depth: 3580' Plug Back Total Depth: 3575'
Amount of Surface Pipe Set and Cemented at: 284 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1234 Feet
If Alternate II completion, cement circulated from: 1234
feet depth to: surface w/ 465 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 63,000 ppm Fluid volume: 400 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Richard R. Smith
Title: Engineering Technician Date: 20 August, 2010
Subscribed and sworn to before me this 20th day of August
2010
Notary Public: Anne Bowman
Date Commission Expires: 6/2/11

KCC Office Use ONLY
of Confidentiality Received 8/20/10 - 8/20/12
Denial: Yes Date: _____
 Wireline Log Received
 Geologist Report Received
Distribution
Alt 2-Dlg - 8/26/10
ANNIE A. BOWMAN
NOTARY PUBLIC
STATE OF KANSAS

Operator Name: Berexco LLC Lease Name: Simon Well #: 4
 Sec. 9 Twp. 14 S. R. 17 East West County: Ellis

KCC

AUG 20 2010

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Borehole Compensated Sonic, Radiation Guard & Microresistivity Logs (e-mailed to: kcc-well-logs@kcc.ks.gov)	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2998'</td> <td>(-968')</td> </tr> <tr> <td>Plattsmouth</td> <td>3212'</td> <td>(-1182')</td> </tr> <tr> <td>Heebner</td> <td>3247'</td> <td>(-1217')</td> </tr> <tr> <td>Lansing A</td> <td>3292'</td> <td>(-1262')</td> </tr> <tr> <td>C Zone</td> <td>3336'</td> <td>(1306')</td> </tr> <tr> <td>F Zone</td> <td>3374'</td> <td>(1344')</td> </tr> <tr> <td>Arbuckle</td> <td>3533'</td> <td>(-1503')</td> </tr> </table>	Name	Top	Datum	Topeka	2998'	(-968')	Plattsmouth	3212'	(-1182')	Heebner	3247'	(-1217')	Lansing A	3292'	(-1262')	C Zone	3336'	(1306')	F Zone	3374'	(1344')	Arbuckle	3533'	(-1503')
Name	Top	Datum																							
Topeka	2998'	(-968')																							
Plattsmouth	3212'	(-1182')																							
Heebner	3247'	(-1217')																							
Lansing A	3292'	(-1262')																							
C Zone	3336'	(1306')																							
F Zone	3374'	(1344')																							
Arbuckle	3533'	(-1503')																							

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	12 1/4"	8 5/8"	20#	284'	Common	200	2% gel
Production	7 7/8"	5 1/2"	14#	3578'	Common	200	10% salt, 2% gel, 5# gils
DV Tool				1234'	60/40 POZ	465	6% gel, 1/4# floseal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3563'-3566' Arbuckle	300 gallons 15% FE 5% MAS, 1% Acetic	3563-66'
4 SPF	3554'-3556' Arbuckle	300 gallons 15% FE 5% MAS, 1% Acetic	3554-56'
4 SPF	3538'-3544' Arbuckle	500 gallons 15% FE 5% MAS, 1% Acetic	3538-44'

TUBING RECORD:	Size: 2 7/8"	Set At: 3570'	Packer At: no packer	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 30 July, 2010		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. 54	Gas Mcf no gas	Water Bbls. 121	Gas-Oil Ratio Gravity 40°

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 3538' - 3566'
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BEREXCO LLC

20 August, 2010

Kansas Corporation commission
Oil & Gas Conservation Division
Wichita State Office Building
130 South Market St., Room 2078
Wichita, KS 67202-3802

KCC
AUG 20 2010
CONFIDENTIAL

RE: Simon #4
Sect. 9-T14S-R17W
Ellis County, Kansas
API # 15-051-25994-00-00

SE NW NE SE
2220' fsl, 743' fel

Gentlemen:

Please find enclosed the original and two copies of the Well Completion Form ACO-1, the Geologist's Report, Mud Log from Wellsight Systems and copies of the cementing tickets and drill stem test reports for the above referenced location.

Electronic copies of the logs run: Borehole Compensated Sonic, Radiation Guard & Microresistivity Logs have been e-mailed to: kcc-well-logs@kcc.ks.gov as per rule 82-3-107(d)(J). Please hold all information **CONFIDENTIAL** for the maximum time allowed.

Thank you for your attention to this matter.

Sincerely,



Richard Smith
Engineering Technician
(316) 337-8334
(316) 265-2994 (fax)
rsmith@berexco.com

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Enclosures

cc: Charles Spradlin
Well File

ALLIED CEMENTING CO., LLC. 33740

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

AUG 20 2010
CONFIDENTIAL

SERVICE POINT: Russell

DATE <u>6-17-10</u>	SEC. <u>9</u>	TWP. <u>14</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 p</u>	JOB FINISH <u>4:30 p</u>
LEASE <u>Simon #4</u>	WELL # <u>4</u>	LOCATION <u>Hwy 1 & Hwy 40 6 E</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1/2 N W 1/4</u>			

CONTRACTOR Mredco Kcs #
 TYPE OF JOB Surface Sol
 HOLE SIZE 12 1/4 T.D. 284
 CASING SIZE 8 1/2 DEPTH 283.19
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 17 617

OWNER _____
 CEMENT AMOUNT ORDERED 200 Con 3.5 CC
29.601

EQUIPMENT
 PUMP TRUCK CEMENTER Shane
 # 417 HELPER Heath
 BULK TRUCK # 481 DRIVER Ron
 BULK TRUCK # _____ DRIVER _____

COMMON	<u>200</u>	@	<u>13.50</u>	<u>2700.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>7</u>	@	<u>51.50</u>	<u>360.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>110/stk/mile</u>			<u>300.00</u>
TOTAL				<u>3891.50</u>

REMARKS:

Ron 6 lbs & Candy 5+
Est Circulation
Mixed 180 st
Cement Circulated!

CHARGE TO: Berexco
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 991.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 6 @ 7.00 42.00
 MANIFOLD _____ @ _____
 RECEIVED _____ @ _____
 AUG 23 2010
 TOTAL 1033.00

KCC WICHITA
PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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 _____
 SIGNATURE [Signature]

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

Thanks!

ALLIED CEMENTING CO., LLC. 041642

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

KCC
AUG 20 2010

SERVICE POINT:

Russell KS
Bottom: 3:30am 9:00am

DATE 6-26-10	SEC. 9	TWP. 14	RANGE 17	CALLING LOCATION	ON LOCATION Top	JOB START 11:30 am	JOB FINISH 12:15 pm
Simon LEASE		WELL # 4	LOCATION Hays KS East on Hwy 40 2 miles past Ellis		COUNTY Ellis	STATE KS	
OLD OR <u>NEW</u> (Circle one)			Tulon Rd. North 1/4 mile West into				

CONTRACTOR Beredco Rig #10
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3580'
 CASING SIZE 5 1/2 14# DEPTH 3578'
 TUBING SIZE DEPTH
~~REEL~~ Insert DEPTH 3515.97'
 TOOL DV DEPTH 1234'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 62.03'
 CEMENT LEFT IN CSG. 62.03'
 PERFS.
 DISPLACEMENT Bottom=85.79 BBL Top=30.11 BBL

OWNER
 CEMENT
 AMOUNT ORDERED 200 com 10% Salt 5# Gilsonite/sk 2' Gel
500gal WFR-2 450 Lite 1/4# Flo,

EQUIPMENT
 PUMP TRUCK CEMENTER John Roberts Shane
 # 417 HELPER Heath
 BULK TRUCK
 # 378 DRIVER
 BULK TRUCK
 # 473 DRIVER

COMMON	200	@	13.50	2700.00
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
Lite	450	@	11.85	5282.50
Gilsonite	1000 #	@	1.85	850.00
Flo SKal	112	@	2.45	274.40
Salt	8	@	21.25	170.00
WFR-2	500	@	1.10	550.00
		@		
		@		
		@		
HANDLING	325	@	2.25	731.25
MILEAGE	10.5 sk/mile			195.00
TOTAL				10,803.15

REMARKS:

Ran 3578' 5 1/2 14# casing Est. Circulation and circulate on bottom 2 hrs. Pump 500gal WFR-2 and mix 200sk cement Displace plug w/ 85 3/4 Bbl H2O Land plug @ 1400 psi Float Did Hold. Open DV Tool and circulate 2 hrs Plug Rate w/ 80sk & mouse w/ 15 sk Mix 405sk cement to circulate to surface. Displace plug w/ 30.1 Bbl H2O to close DV tool. Cement Did Circulate!

Thank You!

CHARGE TO: Beredco
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 _____
 SIGNATURE Robert Heath

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1957.00
EXTRA FOOTAGE	@		
MILEAGE	6	@	7.00 42.00
MANIFOLD	@		
	@		
	@		

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TOTAL 1999.00

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5 1/2 PLUG & FLOAT EQUIPMENT

DV Tool	@		2832.00
AFU Float Shoe	@		214.00
3-Cement Baskets	@	161.00	483.00
10-Turbalizers	@	42.00	420.00
Latch Down Plug	@		N-C
TOTAL 3949.00			

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

**BEREXCO, LLC.
SIMON # 4
SENWNESE SECTION 9-14S-17W
ELLIS COUNTY, KANSAS**

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**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREXCO, INC.
WELL NAME & NUMBER: SIMON# 4
LOCATION: SENWNESE SECTION 9 14S-R17W
COUNTY: ELLIS
STATE: KANSAS
SPUD DATE: 6-17-2010 COMPLETION DATE: 6-25-2010
ELEVATIONS: GL: 2019' KB: 2030'
CONTRACTOR: BEREDCO RIG 10
LOGS: LOG TECH TYPES: RAG & MICROLOG
WELLSITE ENGINEER: NONE
MUD COMPANY: ANDY'S MUD
MUD TYPE & ENGINEER: FRESH CHEMICAL
GEOLOGIST: WILLIAM B. BYNOG
HOLE SIZE: 7 7/8
MUD LOGGING BY: NONE
DRILL STEM TEST COMPANY: TRILOBITE
DRILL STEM TEST: DST#1 3305-50, DST#2 3354-87, DST#3
3464-80, DST#4 3502-60, DST#5 3554-80
WELL STATUS: SET PRODUCTION PIPE

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SUMMARY AND CONCLUSION

Simon # 4 was drilled east of Hays, Kansas in the oil Toulon Field. Our primary objectives were the Lansing, Kansas City and Arbuckle formations. Secondary objectives were the Topeka and Plattsmouth formations.

The Stone Corral anhydrite came in ten feet low to prognosis but there was significant thinning in the section. This thinning resulted in the Topeka and Lansing formations coming in high to the prognosis. Our secondary objective the Plattsmouth had a fair sample show with fair porosity development but wasn't tested. Drilling continued to our primary objectives the Lansing Kansas City and Arbuckle zones.

The Lansing A, B and C zones all had good sample shows but the B zone was the best developed with a very good drilling break. These zones were tested on drill stem test # 1 recovering 910 feet of clean oil and 60 feet of mud cut watery oil. Drill stem test # 2 and # 3 on the E, F and J zones recovered all muddy water with low pressure data.

The Arbuckle was tested twice on drill stem test # 4 3502-60 and # 5 3554-80 feet. Drill stem test # 4 in the top 30 feet tested 180 feet of gas in pipe, 630 feet of oil and 180 feet of mud cut oil with some water. Drill stem test # 5 in the next 20 feet tested 310 feet of clean oil, 480 feet of mud cut watery oil, 120 feet of muddy water with a scum of oil and 660 feet of water.

The electric logs agreed with sample evaluation and drill stem test data recording fair porosity development with micro log separation and high resistivity in the zones that tested free oil. A decision was made to run production casing based on the favorable B zone and Arbuckle zone drill stem tests and log calculations.

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FORMATION TOPS

FORMATION	DEPTH (LOGS)
STONE CORRAL	1202(+828)
BASE	1240(+790)
TOPEKA	2998(-968)
PLATTSMOUTH	3212(-1182)
HEEBNER	3247(-1217)
TORONTO	
LANSING A	3292(-1262)
B ZONE	3316(-1286)
C ZONE	3336(-1306)
D ZONE	3344(-1314)
E ZONE	3363(-1332)
F ZONE	3374(-1344)
G ZONE	
H ZONE	3426(-1396)
I ZONE	3450(-1420)
J ZONE	3466(-1436)
ARBUCKLE	3533(-1503)

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BEREDCO RIG 10 DRILLING

SIMON #4 SAMPLE DESCRIPTIONS
7 7/8 HOLE

SIMON # 4 SAMPLE

DESCRIPTIONS

ANHYDRITE 1206(+813) S

1202(+828) L

BASE 1242(+786) S

1240(+790) L

2850-60 SHALE gray,green,very soft,argillaceous

2860-80 LIMESTONE buff,pale gray,hard.dense

2880-2900 SHALE as above / thin LIMESTONE as above

2900-50 LIMESTONE as above / thin interbedded SHALE gray
green,firm,fi ssile,argillaceous

2950-90 SHALE as above

TOPEKA

2990-30 LIMESTONE buff,hard,dense, blocky / thin SHALE as above

3000-30 LIMESTONE buff,hard,slightly fossils,dense / thin SHALE as above

3030-50 LIMESTONE buff,hard,dense,slightly fossils,some chalky,poor porosity,no
shows

3050-65 LIMESTONE pale gray,buff,very hard, slightly fossils,dense / thin bedded
SHALE gray green,firm,argillaceous

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SIMON #4 SAMPLE DESCRIPTIONS

3065-75 LIMESTONE pale gray,firm,fossils, chalky,pr porosity,no shows

3075-3100 LIMESTONE pale gray,buff,hard, fossils,dense,abundant Chert gray

3100-25 LIMESTONE pale gray,slightly hard,very fossils,slightly chalky,pr vis porosity,no shows / thin SHALE gray,green,firm,fissile

3125-55LIMESTONE white,buff,very hard,very dense,crptoxln

3155-75 SHALE gray,green,firm,silty / thin LIMESTONE as above

3175-3205 LIMESTONE pale gray,buff,hard, dense,very fossils,poor porosity,no shows

3205-15 SHALE black,green,firm,fissile, carbonaceous,strng gas odor,no show

PLATTSMOUTH

3215-28 LIMESTONE white,firm,very fossils, chalky,microcrystalline,pr to fair crystalline and poor to poor vuggy porosity,very spotty faint brown stain, good cut,strng odor

3228-32 LIMESTONE buff,hard,dense

3232-38 LIMESTONE white,firm,very chalky,slightly fossils,pr interxln porosity,very spotty faint stain,fair cut,strng odor

3238-50 LIMESTONE buff,pale gray,very hard,dense,fossils,no shows

3250-60 SHALE black,firm,fissile,very carbonaceous/ thin LIMESTONE buff,very hard,very dense

3260-75 SHALE black,green,firm,carbonaceous

3275-85 LIMESTONE buff,very hard,very dense, crptoxln

SIMON #4 SAMPLE DESCRIPTIONS

3285-98 SHALE green,red,very soft,very argillaceous

LANSING A

3298-3314 LIMESTONE buff,very hard,very dense, crptoxln some LIMESTONE hard,pr poor to poor vuggy porosity,spotty brown stain,good cut,fair odor

3314-20 SHALE as above

B ZONE

3320-30 LIMESTONE buff,slightly hard,ooastic,good oomoldic porosity,even brown stain,very good cut,very good odor,pr show free oil

3330-35 LIMESTONE buff,very hard,dense

C ZONE

3335-40 SHALE var color as above

D ZONE

3340-45 LIMESTONE white,firm,oolites,slightly chalky,fair oomoldic porosity,spotty brown stain,good cut, strng odor,fair show free oil

3345-55 LIMESTONE buff,hard,dense,crptoxln / trace LIMESTONE buff,hard,fossils,pr poor to poor vuggy porosity,good cut,fair odor

3360-64 SHALE gray green,firm,argillaceous

E ZONE

3365-75 LIMESTONE buff,hard,oolites,pr vuggy porosity,spotty brown stain, good cut,fair odor

3375-80 SHALE as above

F ZONE

SIMON #4 SAMPLE DESCRIPTIONS

3380-90 LIMESTONE buff,firm,very oolites,oo castic,good oomoldic porosity, spotty to even brown stain,good cut,strng odor,trace free oil

3390-3410 LIMESTONE buff,very hard,dense,crp toxln,abundant Chert white

3410-30 SHALE green,red,firm,argillaceous

H ZONE

3430-35 LIMESTONE buff,firm,oolites,pr to fair poor to poor vuggy porosity,spotty to even brown stain,good cut,strong odor,slightly show free oil

3435-45 LIMESTONE white,buff,very hard,dense, no shows,abundant Chert white

3445-53 SHALE as above

I ZONE

3453-70 LIMESTONE white,buff,very hard, dense,crptoxln,no shows

J ZONE

3470-75 LIMESTONE buff,firm,oolites, oocastic,good oomoldic porosity,even brown stain,very good cut,very strng odor,fair show free oil

3475-80 LIMESTONE buff,very hard,dense

3480-90 SHALE green,soft to firm,very argillaceous

3490-3510 LIMESTONE buff,very hard,dense,crptoxln

3510-20 CONG LIMESTONE white,yell.oolites,dense, hard,abundant Chert white,tan,gray

3520-30 SHALE var color,firm,argillaceous

ARBUCKLE

SIMON #4 SAMPLE DESCRIPTIONS

3530-45 DOLOMITE buff,firm,sucrosic texture, good interxln and vuggy porosity, even brown stain,very good cut,very strng odor,good show free oil,abundant chert white,some SHALE as above

3545-55 DOLOMITE as above becoming microsuc to sucrosic,slightly hard,good porosity, spotty to even stain, good cut, very abundant Chert white,buff

3555- 64 SHALE ble green,firm,waxy texture

3564-80 DOLOMITE as above slightly hard,micro sucrosic,fair to good interxln and vuggy porosity,spotty brown stain, good cut and odor,fair show free oil / thin DOLOMITE as above very hard, dense,abundant Chert white,rare stain, pr cut

RTD 3580'

LTD 3579'

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: SIMON # 4
Location: SENWNESE 9-14S-17W
License Number: 15-051-25994
Spud Date: 6-17-2010
Surface Coordinates: 2220'FSL & 743' FEL

Region: MIDCONTINENT
Drilling Completed:

Bottom Hole
Coordinates:
Ground Elevation (ft): 2019 K.B. Elevation (ft): 2030
Logged Interval (ft): 1150 To: Total Depth (ft):
Formation: LKC, CHEROKEE & ARBUCKLE
Type of Drilling Fluid:

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BEREXCO, LLC.
Address: P.O. BOX 20380
WICHITA, KANSAS 67208

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KCC WICHITA

GEOLOGIST

Name: WILLIAM B. BYNOG
Company:
Address: P.O. BOX 687
PINECLIFFE, CO. 80471
303-642-3681 H 303-250-0727 C






KCC
AUG 20 2010
CONFIDENTIAL

Cores

DSTs

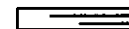
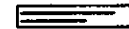



Comments

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst

 Coal
 Congl
 Dol
 Gyp
 Igne

 Lmst
 Meta
 Mrlst
 Salt
 Shale

 Shcol
 Shgy
 Slstt
 Ss
 Till

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brefracg
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl

- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

OIL SHOW

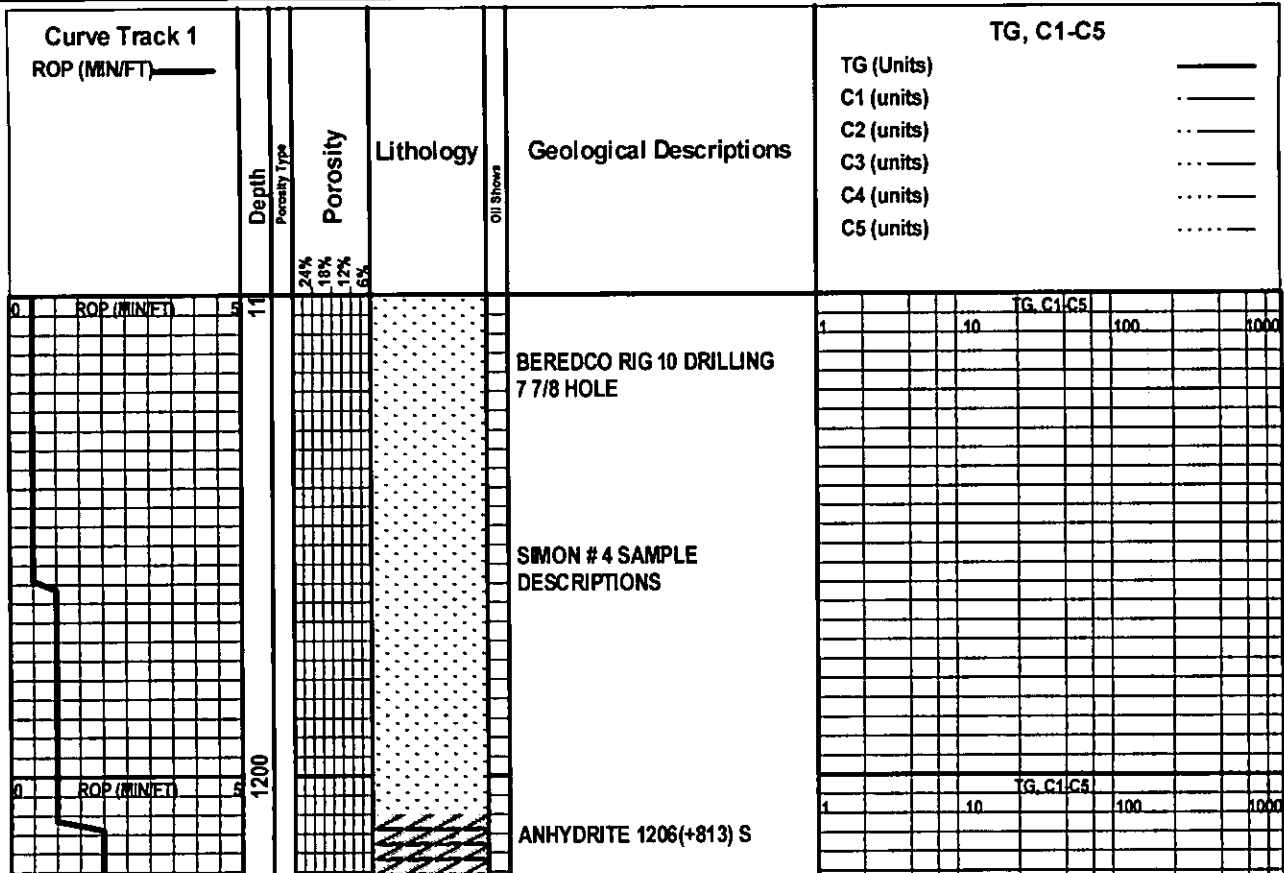
- Even
- Spotted
- Ques
- Dead

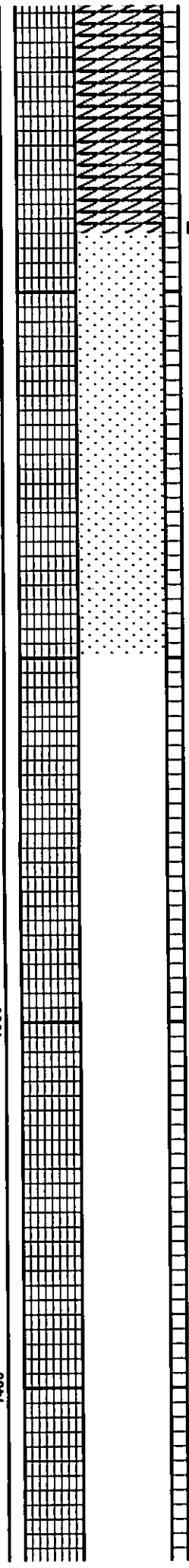
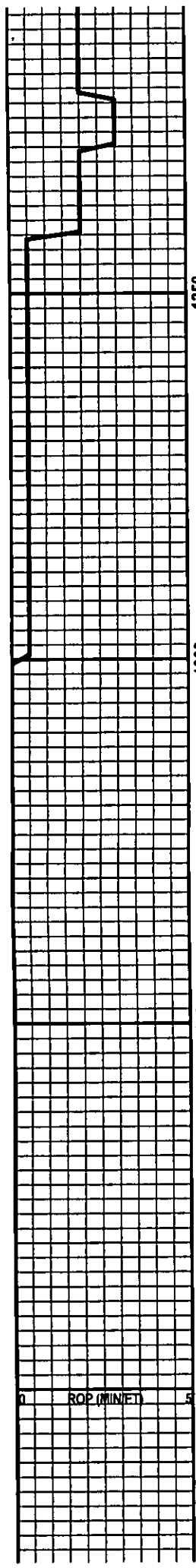
INTERVAL

- Dst
- Dst

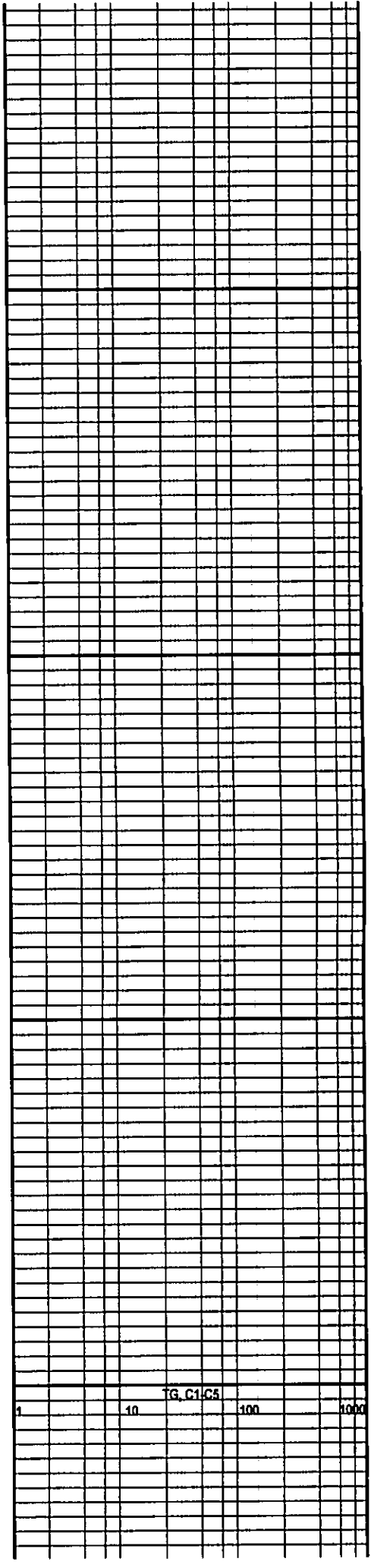
EVENT

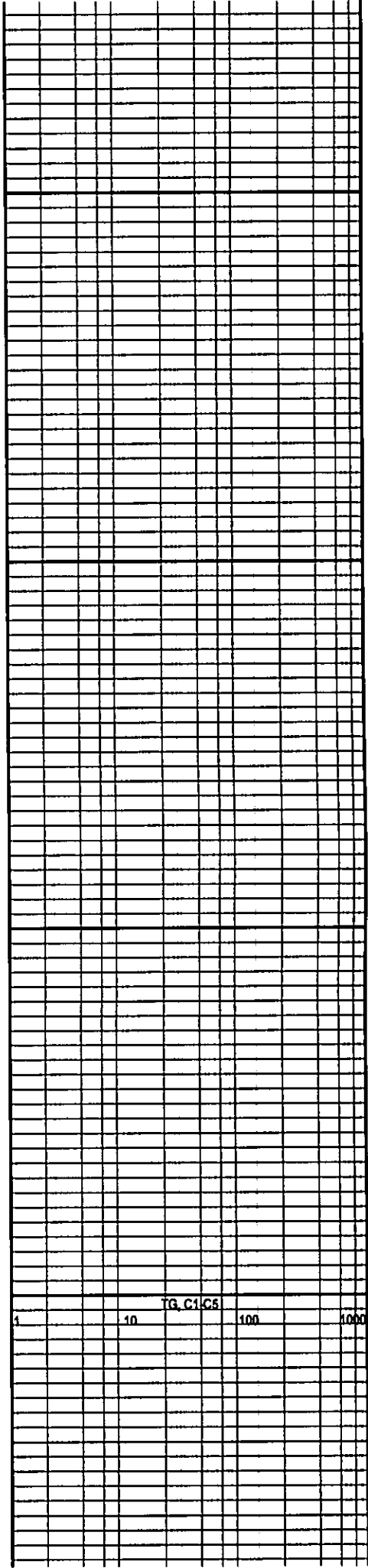
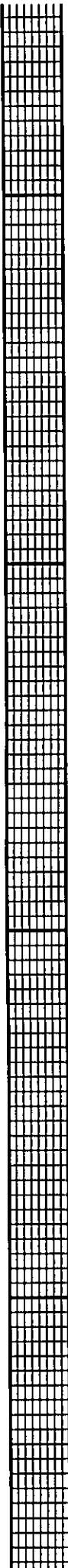
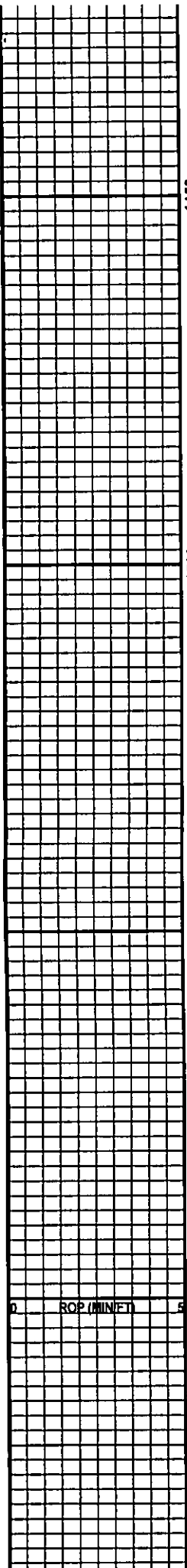
- Rft
- Sidewall

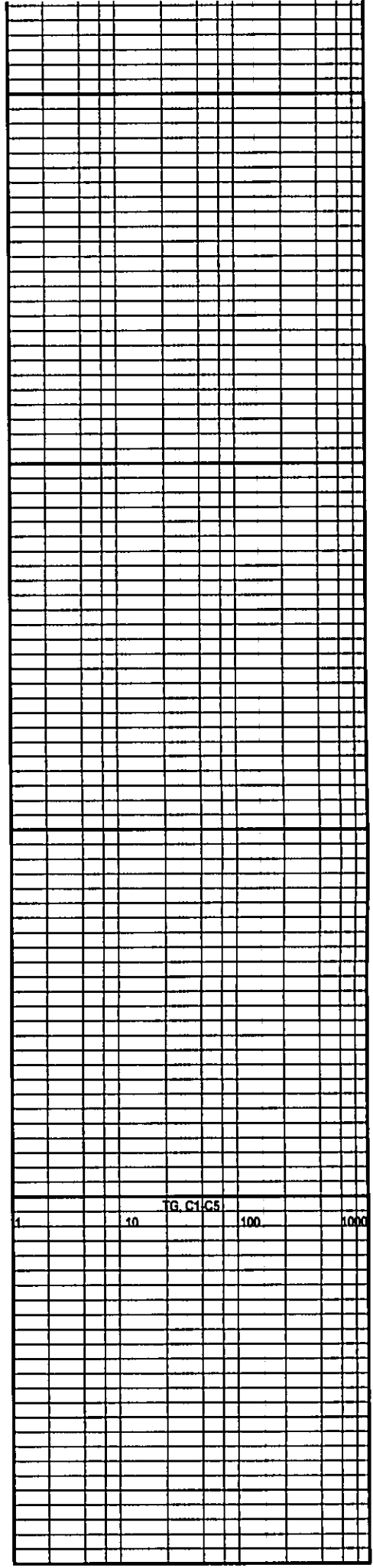
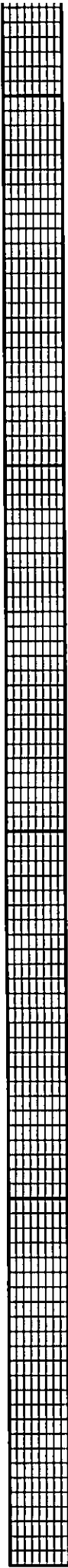
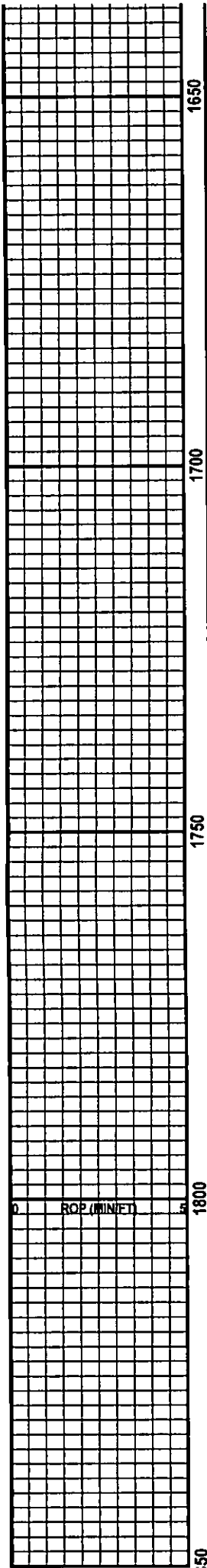


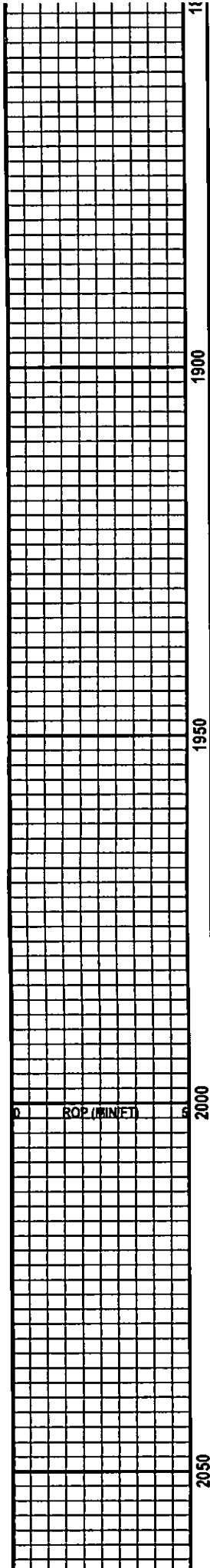


BASE 1242(+786)









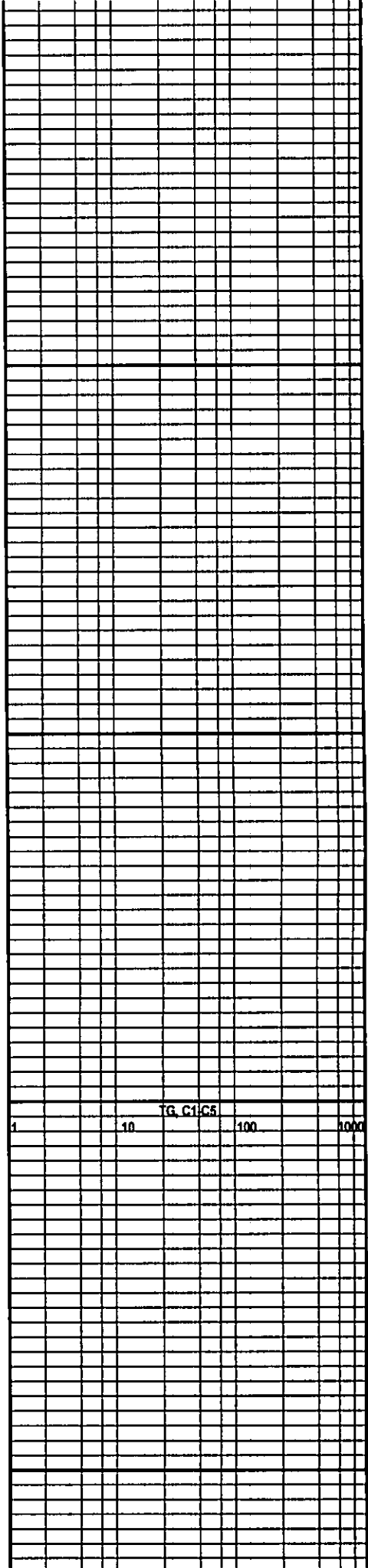
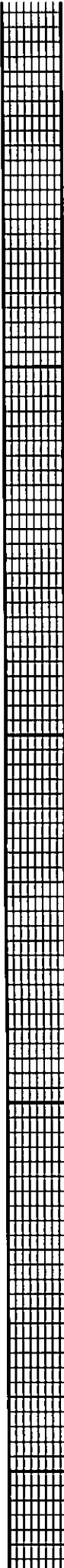
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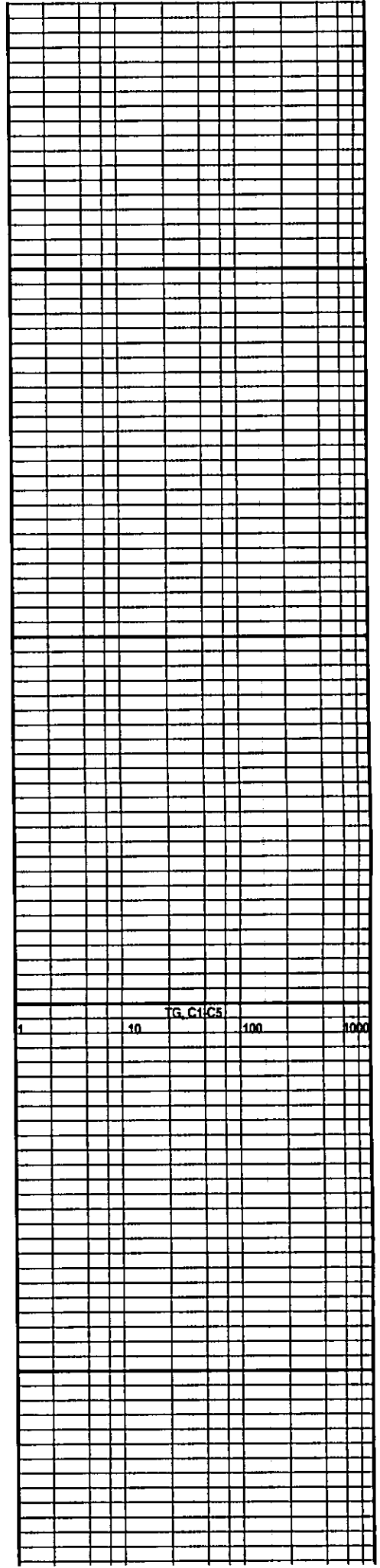
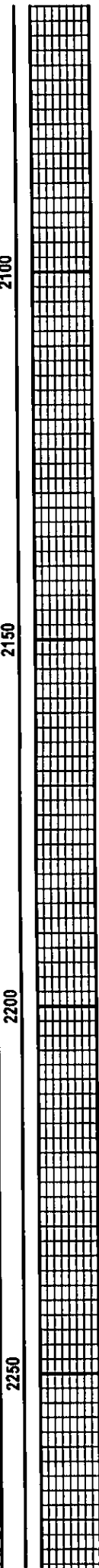
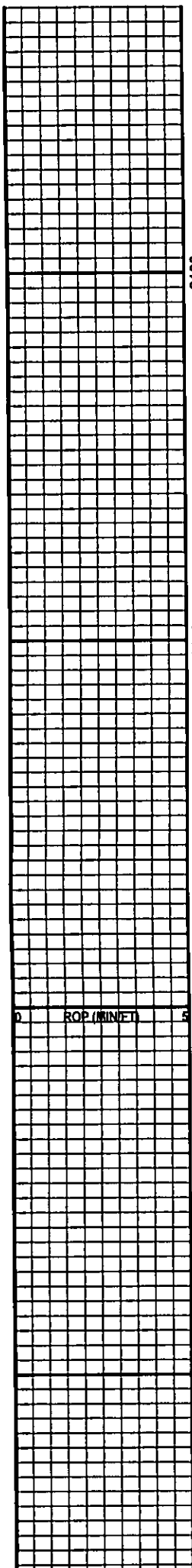
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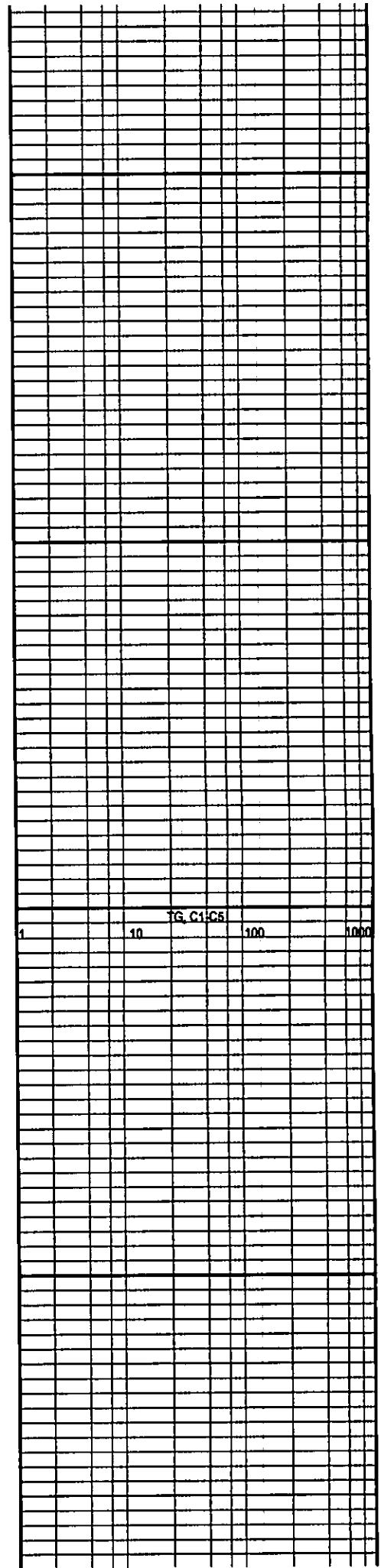
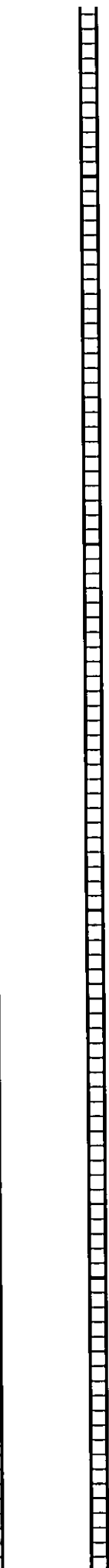
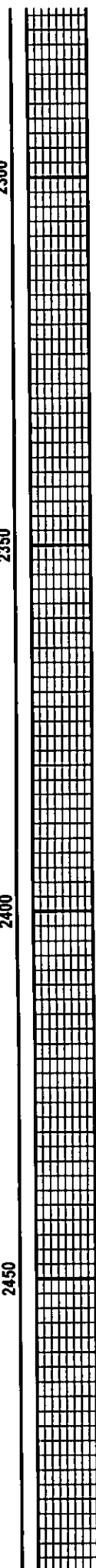
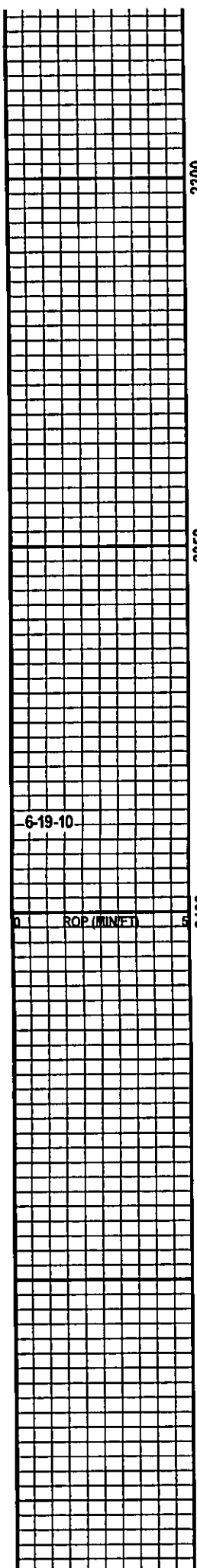
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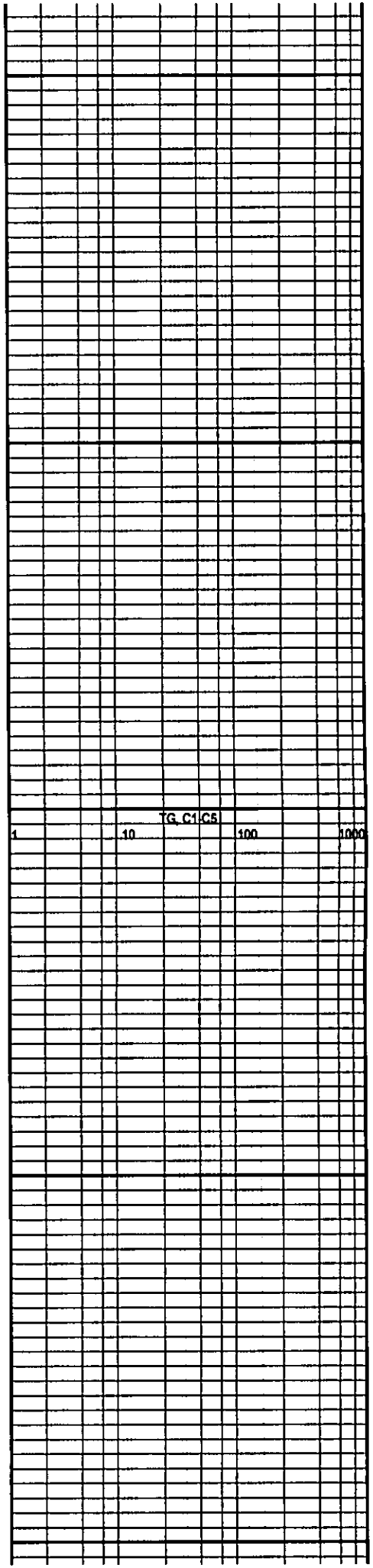
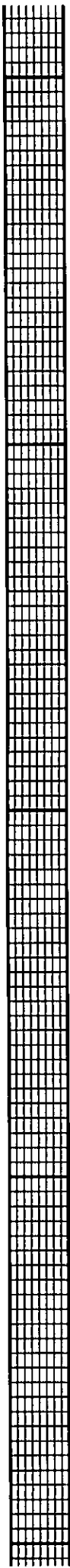
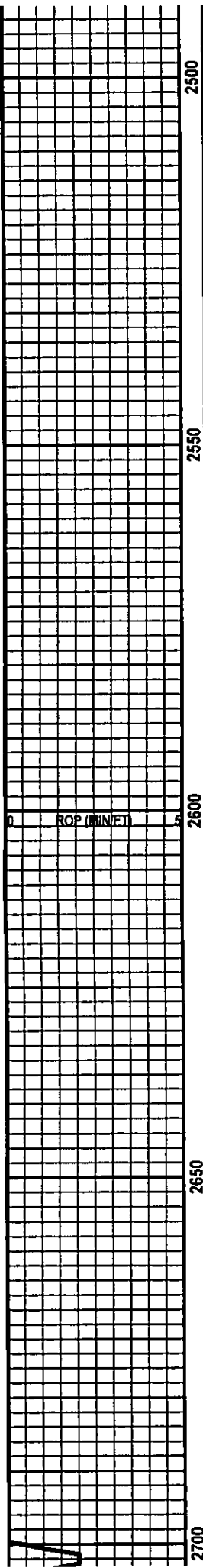
2050

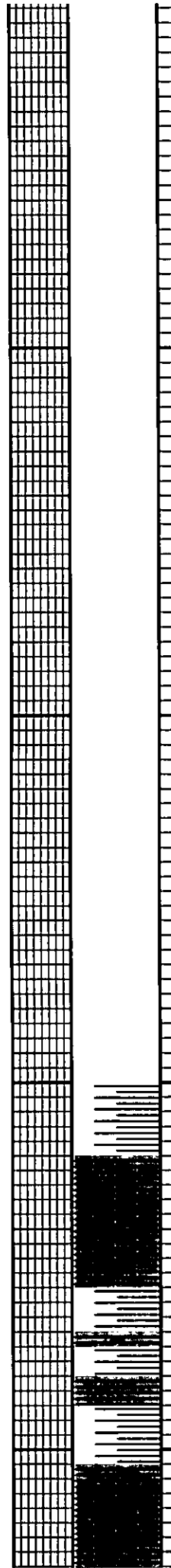
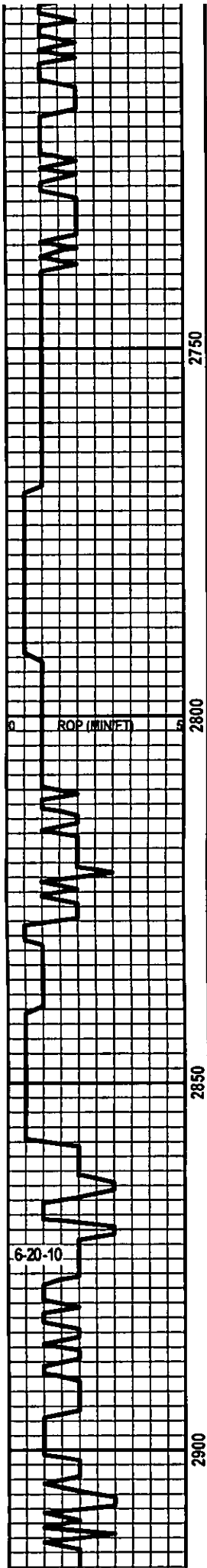
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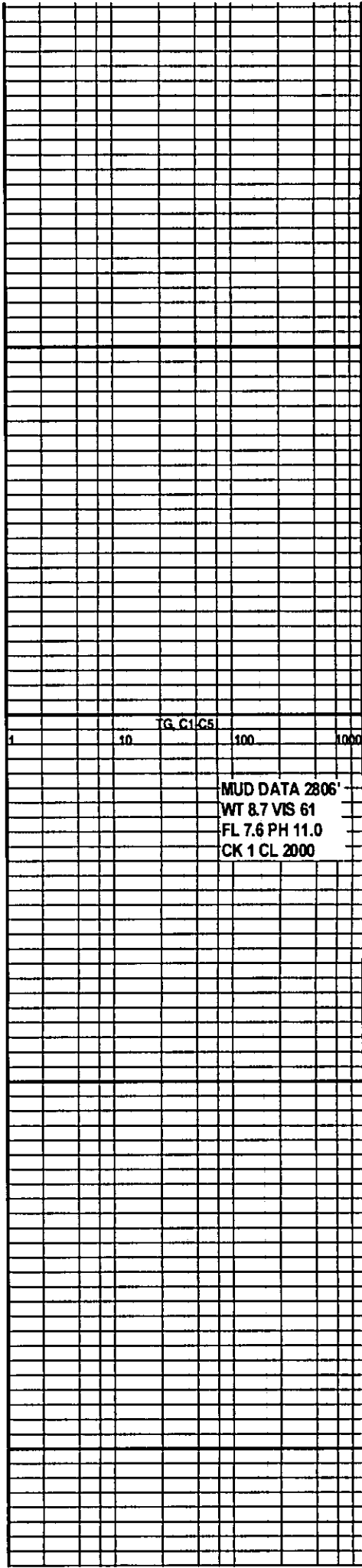


SH gy,gn,v sft,arg

LS buff,pale gy,hd,dns

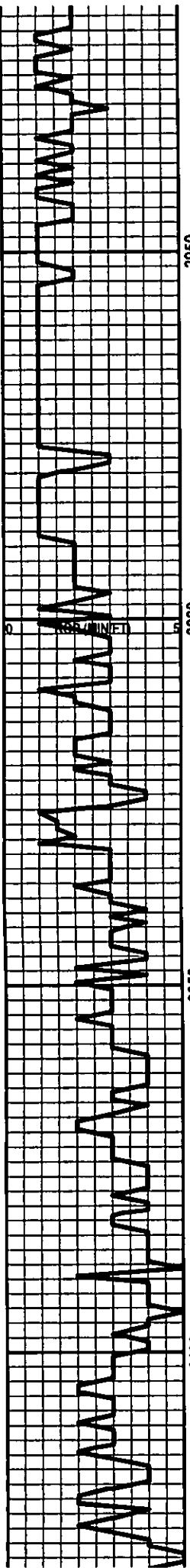
SH aa / thin LS aa

LS aa / thin interbedded SH gy
gn,frm,fiss,arg



TG, C/LCS
1 10 100 1000

MUD DATA 2806'
WT 8.7 VIS 61
FL 7.6 PH 11.0
CK 1 CL 2000



SH aa

LS buff,hd,dns, blk / thin SH aa

LS buff,hd,sl foss,dns / thin SH aa

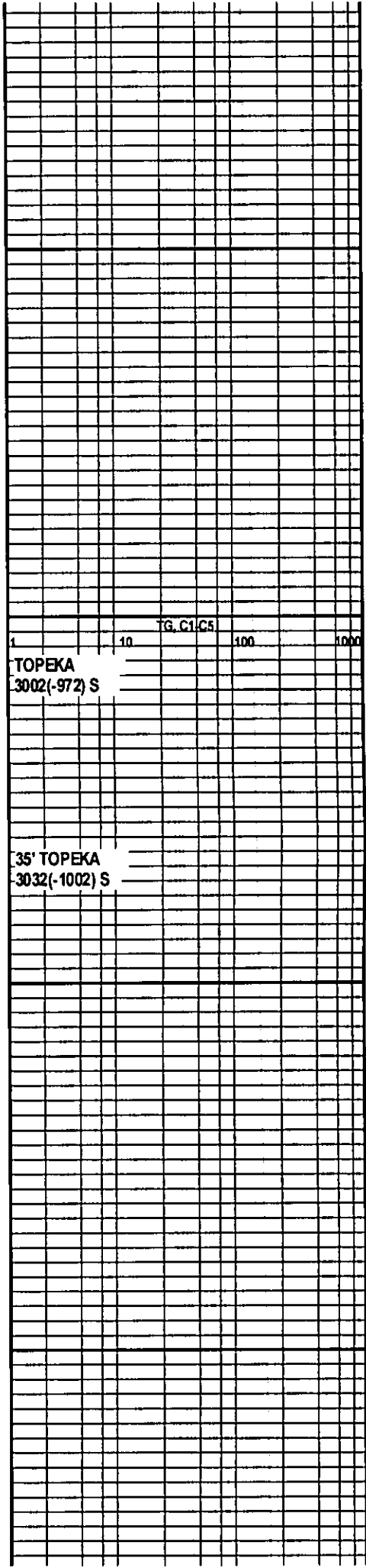
LS buff,hd,dns,sl foss,some chalky,p por,ns

LS pale gy,buff,v hd, sl foss,dns / thin bedded SH gy gn,frm,arg

LS pale gy,frm,foss, chalky,pr por,ns

LS pale gy,buff,hd, foss,dns,abnt Cht gy

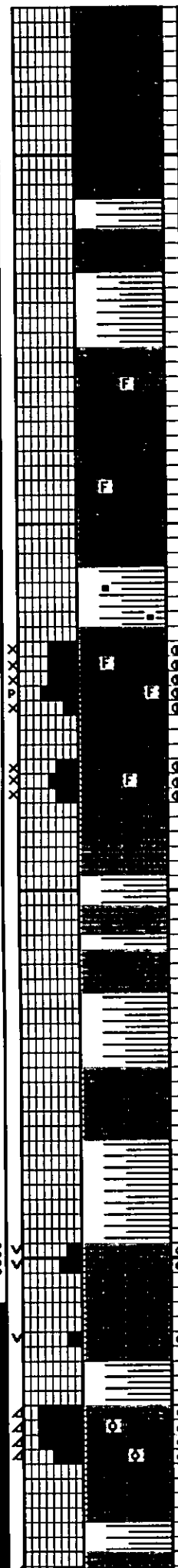
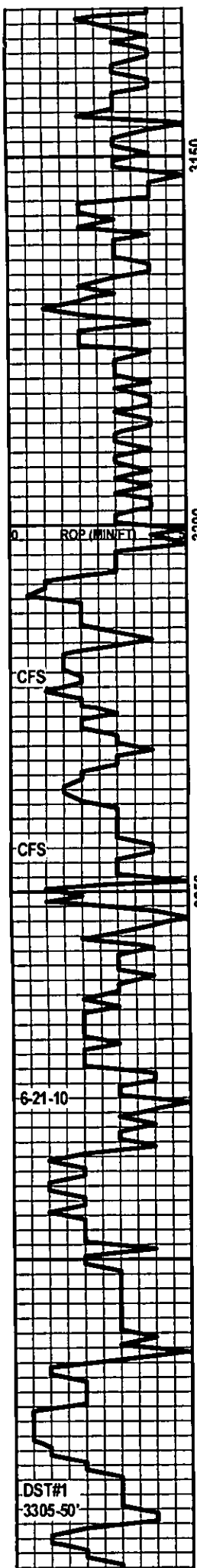
LS pale gy,sl hd,v foss,sl chalky,pr vis por,ns / thin SH gy,gn,frm,fiss



TG, C1, C5
1 10 100 1000

TOPEKA
3002(-972) S

35' TOPEKA
3032(-1002) S



LS wh, buff, v hd, v dns, crptoxn

SH gy, gn, frm, slty / thin LS aa

LS pale gy, buff, hd, dns, v foss, p por, ns

SH blk, gn, frm, fiss, carb, strng gas odor, no show

LS wh, frm, v foss, chalky, microxn, pr-fr xln & p-p vuggy por, v spty faint brn stn, good cut, strng odor

LS buff, hd, dns

LS wh, frm, v chalky, sl foss, pr interxn por, v spty faint stn, fr cut, strng odor

LS buff, pale gy, v hd, dns, foss, ns

SH blk, frm, fiss, v carb / thin LS buff, v hd, v dns

SH blk, gn, frm, carb

LS buff, v hd, v dns, crptoxn

SH gn, red, v sft, v arg

LS buff, v hd, v dns, crptoxn some LS hd, pr p-p vuggy por, spty brn stn, good cut, fr odor

SH aa

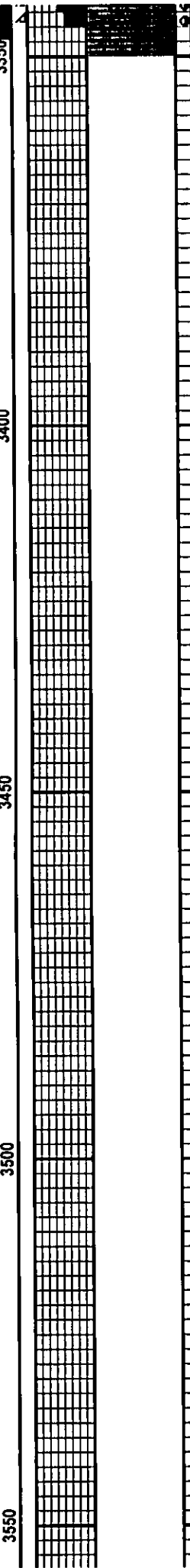
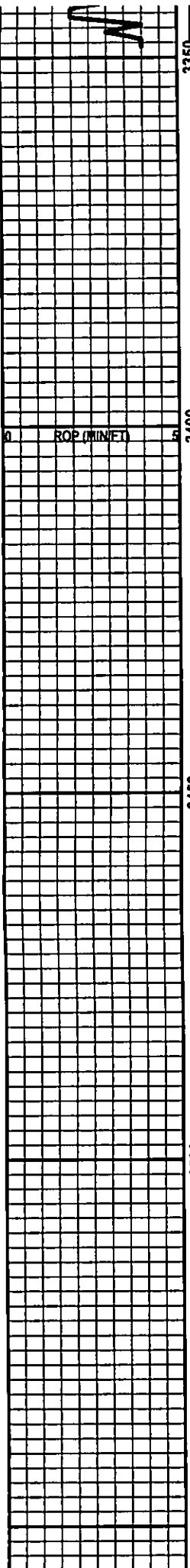
LS buff, sl hd, oocastic, good oomoldic por, even brn stn, v good cut, v good odor, pr show free oil

LS buff, v hd, dns

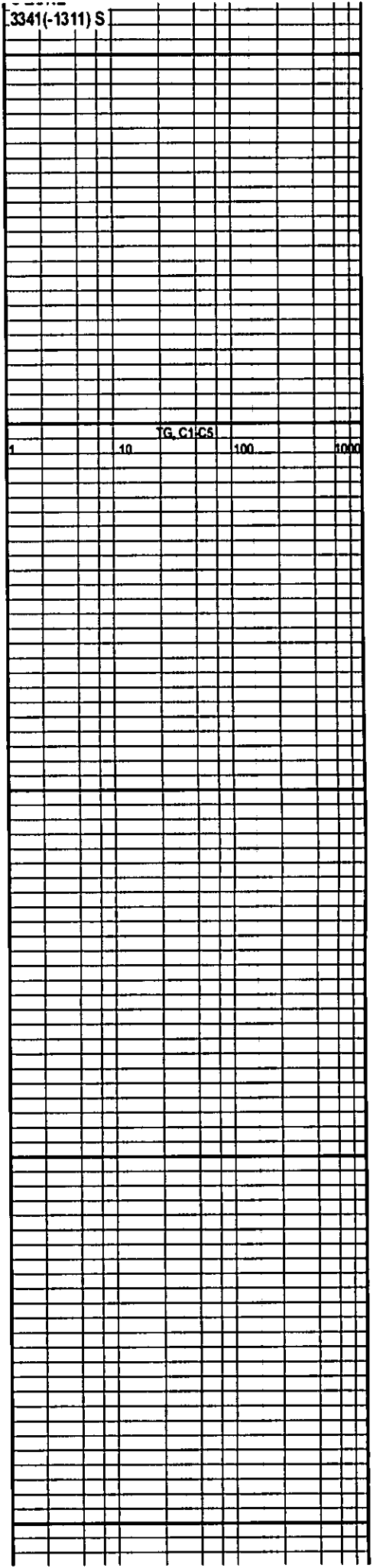
SH var col aa

LS wh, frm, col, sl, chalky fr

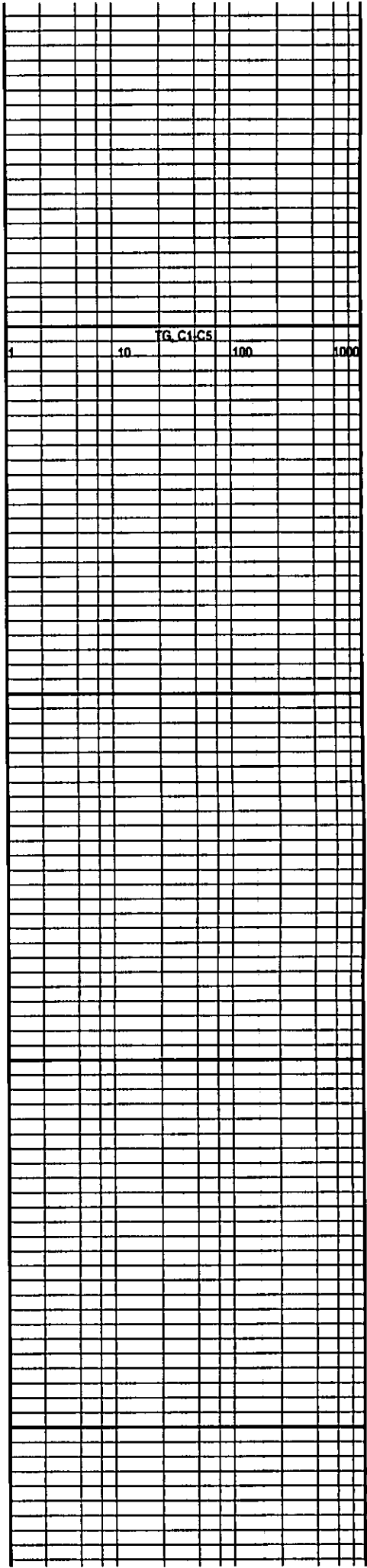
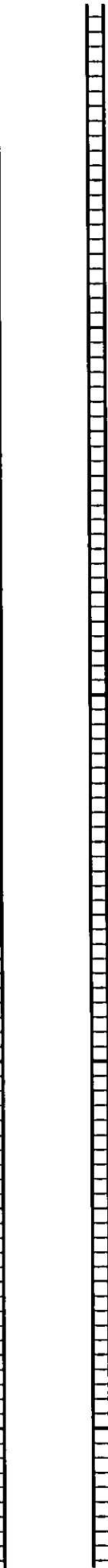
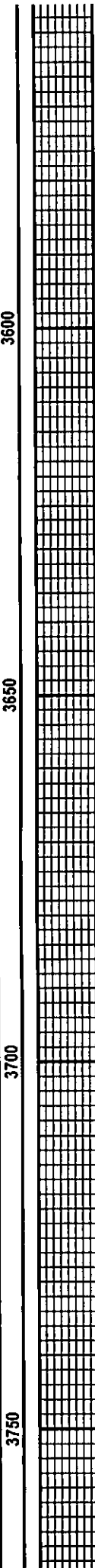
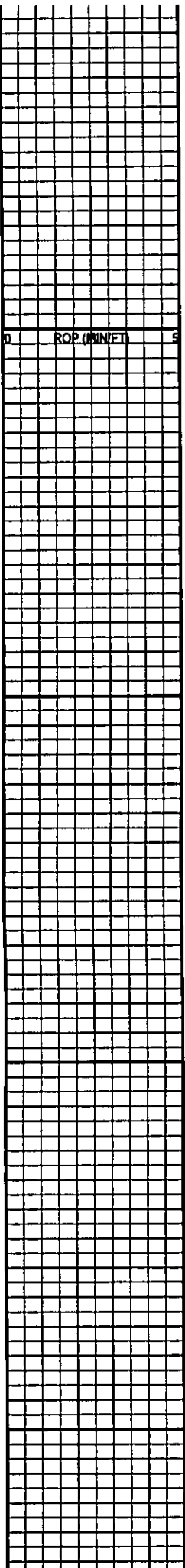
TG. CLCS	
1	1000
PLATTSMOUTH 3216(-1186) S	
STRONG SHALE GAS ODOR	
HEEBNER 3249(-1219) S	
LANSING A 3297(-1267) S	
-B ZONE 3320(-1290) S	
-C ZONE	

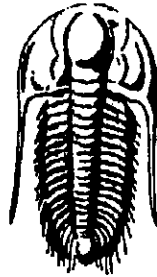


oomoldic por, spty brn strn, good cut, strng odor, fr show free oil



3341(-1311) S





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berxco LLC**

PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

9-14s-17w Ellis KS

Simon #4

Start Date: 2010.06.21 @ 19:22:29

End Date: 2010.06.22 @ 05:07:29

Job Ticket #: 039551 DST #: 1

KCC
AUG 2 0 2010
CONFIDENTIAL

RECEIVED

AUG 23 2010

KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berxco LLC

Simon #4

PO Box 20380
Wichita, KS 67208

9-14s-17w Ellis KS

Job Ticket: 039551

DST#: 1

ATTN: Bryan Bynog

Test Start: 2010.06.21 @ 19:22:29

GENERAL INFORMATION:

Formation: **LKC "B-C"**
 Deviated: **No Whipstock** ft (CF)
 Time Tool Opened: 22:42:59
 Time Test Ended: 05:07:29

Test Type: **Conventional Bottom Hole**
 Tester: **Tyson Flax**
 Unit No: **44**

Interval: **3305.00 ft (CF) To 3350.00 ft (CF) (TVD)**
 Total Depth: **3350.00 ft (CF) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2030.00 ft (KB)**
2019.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 6668

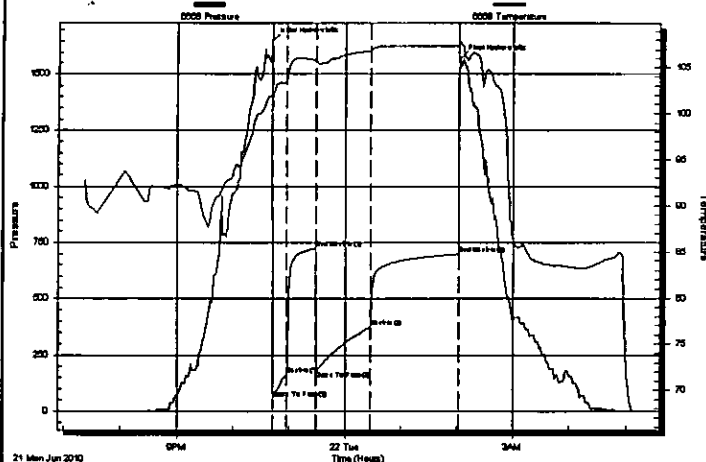
Inside

Press@RunDepth: **373.03 psig @ 3310.00 ft (CF)**
 Start Date: **2010.06.21** End Date: **2010.06.22**
 Start Time: **19:22:30** End Time: **05:07:29**

Capacity: **8000.00 psig**
 Last Calib.: **2010.06.22**
 Time On Btm: **2010.06.21 @ 22:41:59**
 Time Off Btm: **2010.06.22 @ 02:03:29**

TEST COMMENT: IFP-BOB in 2.5 min
 ISI-BOB in 6.5 min
 FFP-BOB in 2.5 min
 FSI-BOB in 11 min GTS in 65 min

Pressure vs. Time



PRESSURE SUMMARY

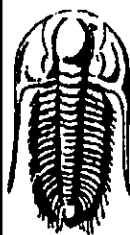
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.60	101.97	Initial Hydro-static
1	54.73	101.66	Open To Flow (1)
16	162.41	103.32	Shut-In(1)
46	723.81	105.84	End Shut-In(1)
47	182.16	105.70	Open To Flow (2)
105	373.03	106.89	Shut-In(2)
200	697.63	107.42	End Shut-In(2)
202	1574.92	107.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCWO 10%G,60%O,10%W,20%M	0.30
910.00	GCO 30%G,70%O	8.06
0.00	GTS	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berxco LLC
PO Box 20380
Wichita, KS 67208

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039551 DST#: 1
Test Start: 2010.06.21 @ 19:22:29

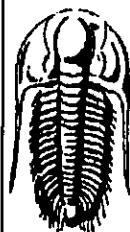
ATTN: Bryan Bynog

Tool Information

Drill Pipe:	Length: 2917.00 ft	Diameter: 3.34 inches	Volume: 31.61 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 33.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3305.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 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			3278.00	
Shut In Tool	5.00			3283.00	
Hydraulic tool	5.00			3288.00	
Jars	5.00			3293.00	
Safety Joint	2.00			3295.00	
Packer	5.00			3300.00	28.00 Bottom Of Top Packer
Packer	5.00			3305.00	
Stubb	1.00			3306.00	
Perforations	3.00			3309.00	
Change Over Sub	1.00			3310.00	
Recorder	0.00	6668	inside	3310.00	
Recorder	0.00	6669	inside	3310.00	
Blank Spacing	31.00			3341.00	
Change Over Sub	1.00			3342.00	
Perforations	5.00			3347.00	
Bullnose	3.00			3350.00	45.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

Simon #4
9-14s-17w Ells KS
Job Ticket: 039551 DST#: 1
Test Start: 2010.06.21 @ 19:22:29

Mud and Cushion Information

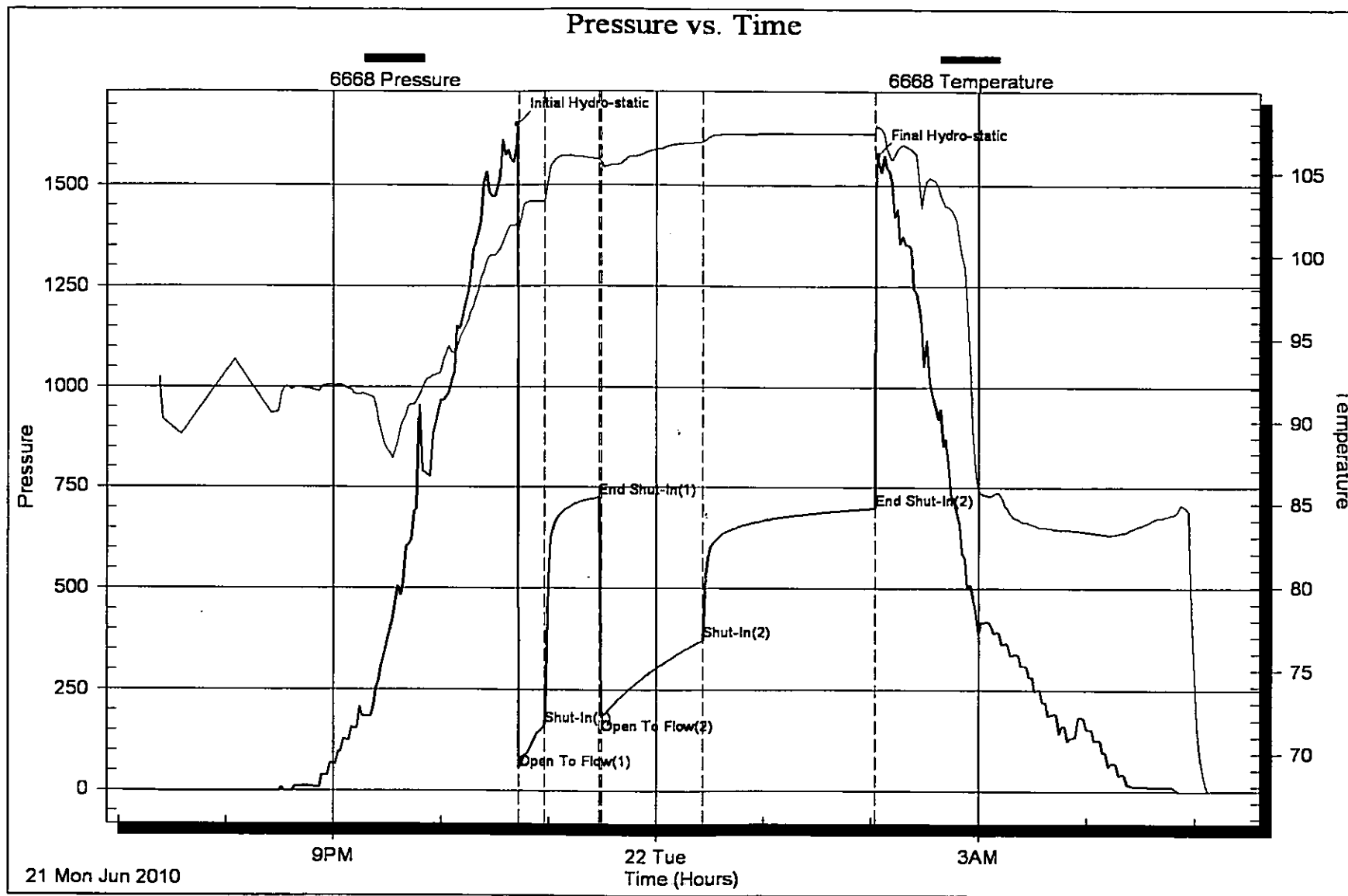
Mud Type: Gel Chem	Cushion Type:	Oil API: 28 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 57.00 sec/l	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

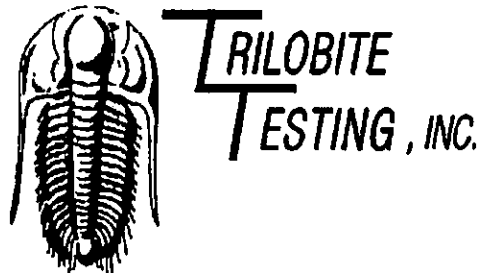
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMCWO 10%G,60%O,10%W,20%M	0.295
910.00	GCO 30%G,70%O	8.056
0.00	GTS	0.000

Total Length: 970.00 ft Total Volume: 8.351 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Berxco LLC**

PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

9-14s-17w Ellis KS

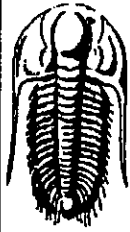
Simon #4

Start Date: 2010.06.22 @ 14:18:46

End Date: 2010.06.22 @ 23:05:16

Job Ticket #: 039552 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

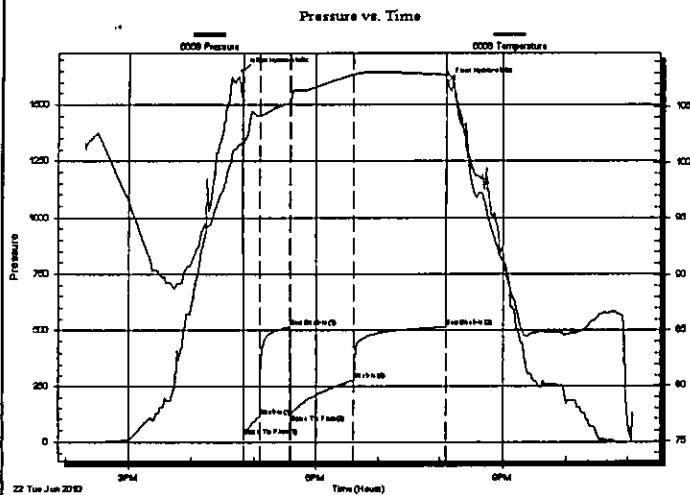
Simon #4
9-14s-17w Ellis KS
Job Ticket: 039552 DST#: 2
Test Start: 2010.06.22 @ 14:18:46

GENERAL INFORMATION:

Formation: **LKC "D-F"**
Deviated: **No** Whipstock: **ft (CF)**
Time Tool Opened: **16:49:46**
Time Test Ended: **23:05:16**
Interval: **3354.00 ft (CF) To 3387.00 ft (CF) (TVD)**
Total Depth: **3387.00 ft (CF) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Tyson Flax**
Unit No: **44**
Reference Elevations: **2030.00 ft (KB)**
2019.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: **278.55 psig @ 3360.00 ft (CF)** Capacity: **8000.00 psig**
Start Date: **2010.06.22** End Date: **2010.06.22** Last Calib.: **2010.06.22**
Start Time: **14:18:47** End Time: **23:05:16** Time On Btm: **2010.06.22 @ 16:48:46**
Time Off Btm: **2010.06.22 @ 20:06:46**

TEST COMMENT: IFF-BOB in 10 min
ISI-no blow back
FFP-BOB in 15.5
FSI-no blow back



PRESSURE SUMMARY

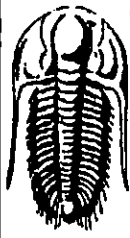
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.44	101.79	Initial Hydro-static
1	25.31	101.47	Open To Flow (1)
17	114.07	104.18	Shut-In(1)
46	514.90	105.25	End Shut-In(1)
47	121.65	105.35	Open To Flow (2)
108	278.55	107.84	Shut-In(2)
197	514.95	107.83	End Shut-In(2)
198	1603.51	107.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	Water	1.80
120.00	MW 80%W,20%M	1.30
5.00	WM 50%W,50%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039552 DST#: 2
Test Start: 2010.06.22 @ 14:18:46

Tool Information

Drill Pipe:	Length: 2979.00 ft	Diameter: 3.34 inches	Volume: 32.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 34.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3354.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	61.00 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			3327.00	
Shut In Tool	5.00			3332.00	
Hydraulic tool	5.00			3337.00	
Jars	5.00			3342.00	
Safety Joint	2.00			3344.00	
Packer	5.00			3349.00	28.00 Bottom Of Top Packer
Packer	5.00			3354.00	
Stubb	1.00			3355.00	
Perforations	5.00			3360.00	
Recorder	0.00	6668	Inside	3360.00	
Recorder	0.00	6669	Inside	3360.00	
Perforations	24.00			3384.00	
Bullnose	3.00			3387.00	33.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berxco LLC
PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039552 DST#: 2
Test Start: 2010.06.22 @ 14:18:46

Mud and Cushion Information

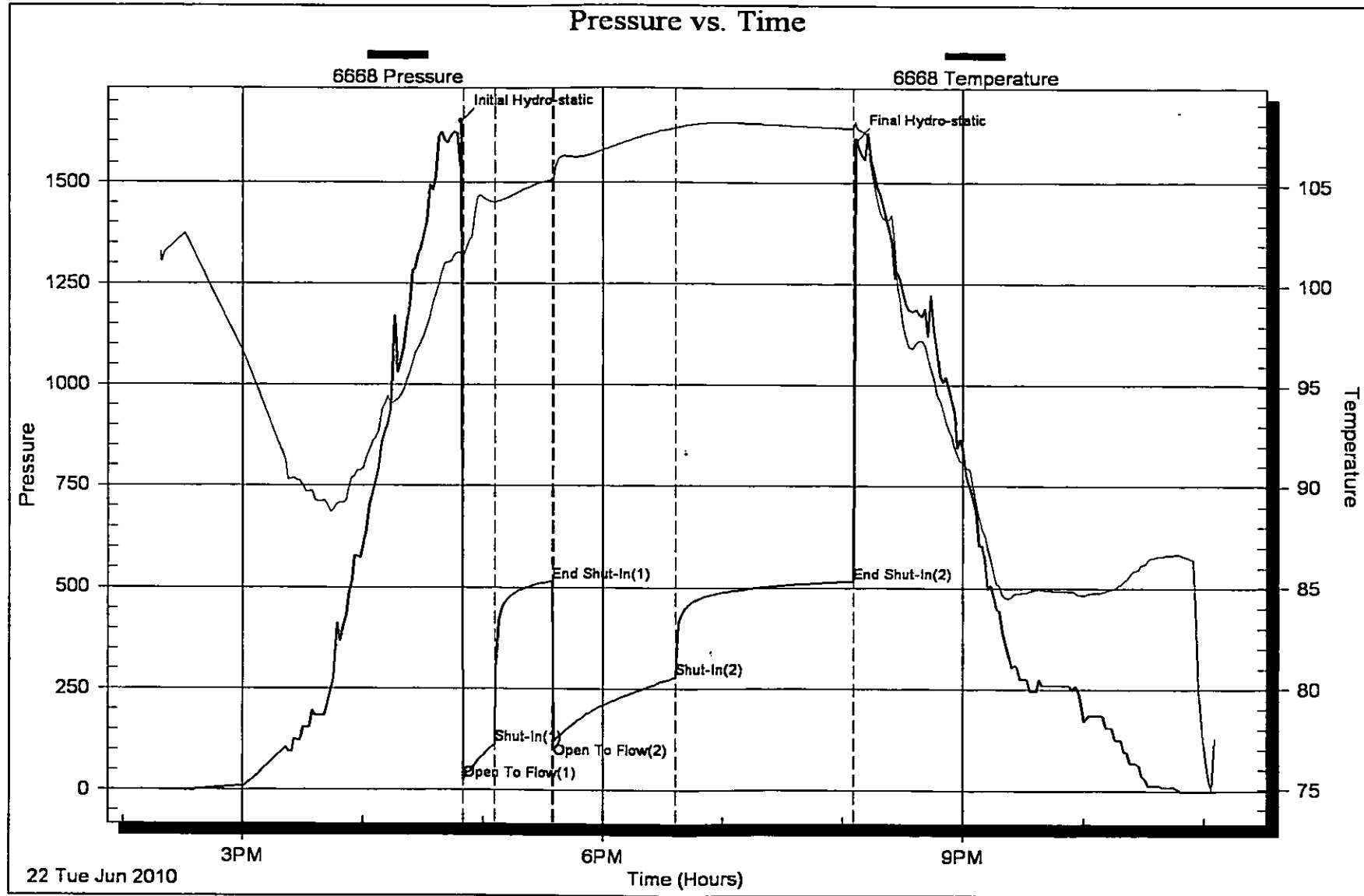
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	75000 ppm
Viscosity: 66.00 sec/l	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

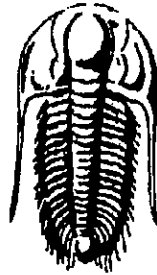
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
365.00	Water	1.795
120.00	MW 80%W,20%M	1.300
5.00	WM 50%W,50%M	0.054

Total Length: 490.00 ft Total Volume: 3.149 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .91 @ 80F = 75000 chlorides.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berxco LLC**

PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

9-14s-17w Ellis KS

Simon #4

Start Date: 2010.06.23 @ 10:55:41

End Date: 2010.06.23 @ 18:58:11

Job Ticket #: 039553 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Berxco LLC

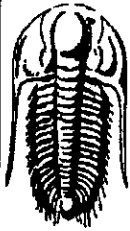
Simon #4

9-14s-17w Ellis KS

DST # 3

LKC "J"

2010.06.23



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039553 DST#: 3
Test Start: 2010.06.23 @ 10:55:41

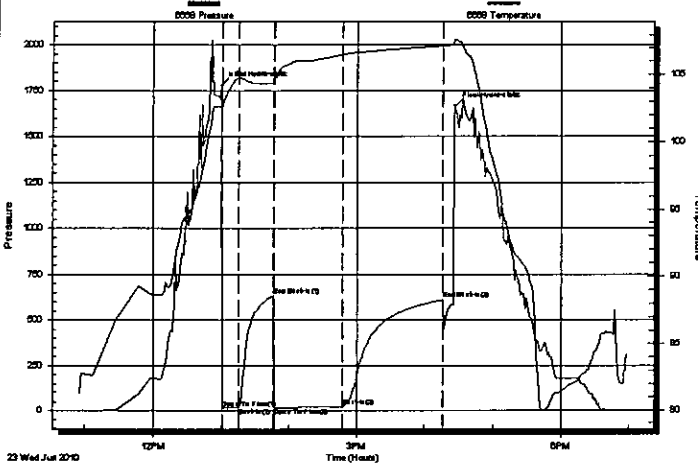
GENERAL INFORMATION:

Formation: LKC "J"
Deviated: No Whipstock: ft (CF)
Time Tool Opened: 13:00:41
Time Test Ended: 18:58:11
Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44
Interval: 3464.00 ft (CF) To 3480.00 ft (CF) (TVD)
Reference Elevations: 2030.00 ft (KB)
Total Depth: 3480.00 ft (CF) (TVD)
2019.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 11.00 ft

Serial #: 6668 Inside
Press@RunDepth: 22.71 psig @ 3465.00 ft (CF) Capacity: 8000.00 psig
Start Date: 2010.06.23 End Date: 2010.06.23 Last Calib.: 2010.06.23
Start Time: 10:55:42 End Time: 18:58:11 Time On Btm: 2010.06.23 @ 13:00:11
Time Off Btm: 2010.06.23 @ 16:26:41

TEST COMMENT: IFF-Weak surface blow throughout
ISI-no blow back
FFP-Weak surface blow died in 20 min
FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

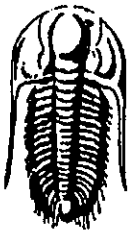
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.24	102.66	Initial Hydro-static
1	13.56	102.35	Open To Flow (1)
16	15.69	104.80	Shut-In(1)
46	632.72	104.41	End Shut-In(1)
47	17.35	104.46	Open To Flow (2)
108	22.71	106.51	Shut-In(2)
196	610.07	107.16	End Shut-In(2)
207	1666.19	107.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MW 95%W,5%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

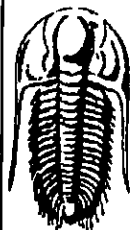
Simon #4
9-14s-17w Ellis KS
Job Ticket: 039553 **DST#: 3**
Test Start: 2010.06.23 @ 10:55:41

Tool Information

Drill Pipe:	Length: 3101.00 ft	Diameter: 3.34 inches	Volume: 33.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 35.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3464.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	37.00 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			3444.00	
Shut In Tool	5.00			3449.00	
Hydraulic tool	5.00			3454.00	
Packer	5.00			3459.00	21.00 Bottom Of Top Packer
Packer	5.00			3464.00	
Stubb	1.00			3465.00	
Recorder	0.00	6668	Inside	3465.00	
Recorder	0.00	6669	Outside	3465.00	
Perforations	12.00			3477.00	
Bullnose	3.00			3480.00	16.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039553 DST#: 3
Test Start: 2010.06.23 @ 10:55:41

Mud and Cushion Information

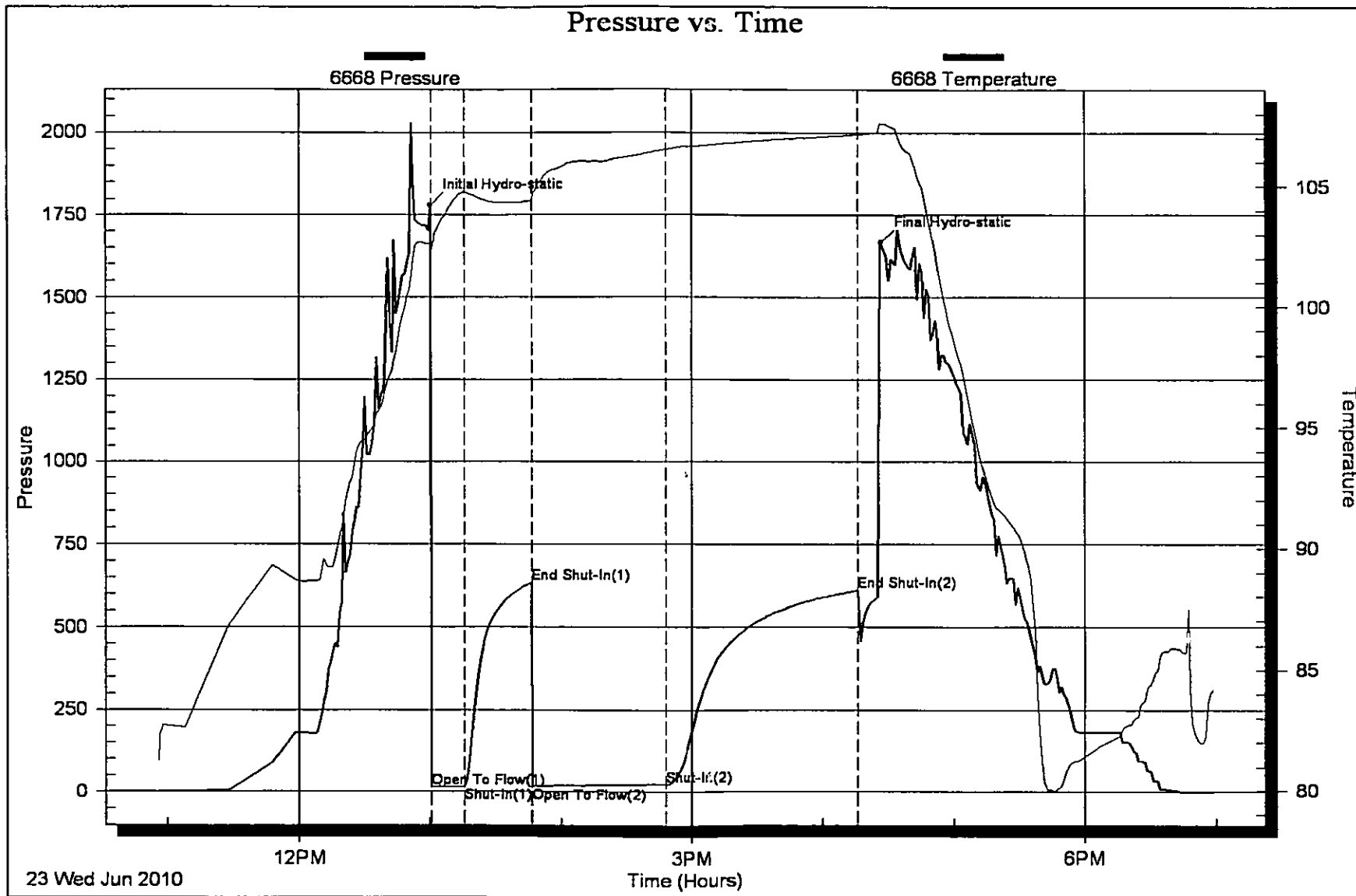
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	60000 ppm
Viscosity: 53.00 sec/l	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

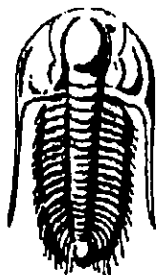
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	MW 95%W,5%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .11 @ 82F = 60000 chlorides





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berxco LLC**

PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

9-14s-17w Ellis KS

Simon #4

Start Date: 2010.06.24 @ 09:52:41

End Date: 2010.06.24 @ 19:06:04

Job Ticket #: 039554 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

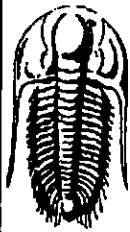
Berxco LLC
Simon #4

9-14s-17w Ellis KS

DST # 4

Arbuckle

2010.06.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berxco LLC
 PO Box 20380
 Wichita, KS 67208
 ATTN: Bryan Bynog

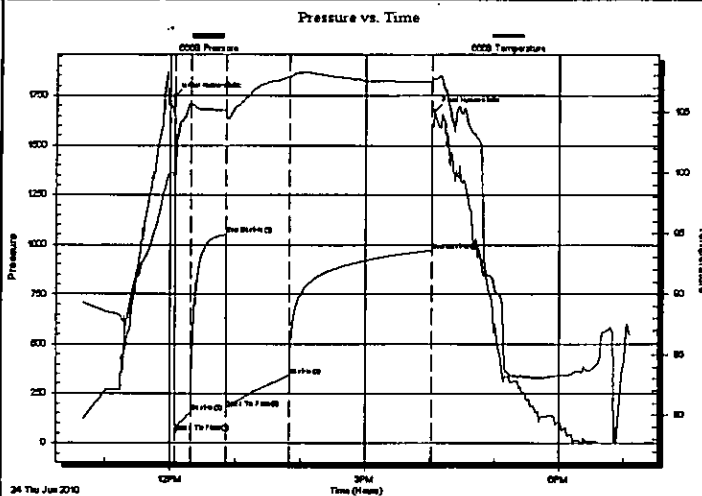
Simon #4
9-14s-17w Ellis KS
 Job Ticket: 039554 DST#: 4
 Test Start: 2010.06.24 @ 09:52:41

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: **ft (CF)**
 Time Tool Opened: **12:04:34**
 Time Test Ended: **19:06:04**
 Interval: **3502.00 ft (CF) To 3560.00 ft (CF) (TVD)**
 Total Depth: **3560.00 ft (CF) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Tyson Flax**
 Unit No: **44**
 Reference Elevations: **2030.00 ft (KB)**
2019.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6668 Inside
 Press@RunDepth: **341.27 psig @ 3508.00 ft (CF)** Capacity: **8000.00 psig**
 Start Date: **2010.06.24** End Date: **2010.06.24** Last Calib.: **2010.06.24**
 Start Time: **10:40:34** End Time: **19:06:04** Time On Btm: **2010.06.24 @ 12:03:34**
 Time Off Btm: **2010.06.24 @ 16:04:34**

TEST COMMENT: IFP-BOB in 3.5 min
 ISI-Weak blow back built to 3"
 FFP-BOB in 6 min
 FSI-Weak blow back built to 4" died to 1"



PRESSURE SUMMARY

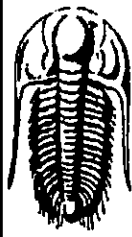
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1743.16	99.99	Initial Hydro-static
2	52.83	99.54	Open To Flow (1)
16	154.54	105.67	Shut-In(1)
47	1052.81	105.14	End Shut-In(1)
48	175.61	104.79	Open To Flow (2)
106	341.27	107.89	Shut-In(2)
239	971.58	107.47	End Shut-In(2)
241	1674.22	107.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCWM 10%G,20%O,20%W,50%M	0.30
120.00	GOCWM 20%G,20%O,10%W,50%M	0.59
240.00	GMCO 20%G,40%O,40%M	1.51
390.00	GCO 20%G,80%O	4.23
0.00	180' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berxco LLC
 PO Box 20380
 Wichita, KS 67208
 ATTN: Bryan Bynog

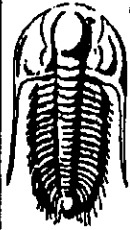
Simon #4
9-14s-17w Ellis KS
 Job Ticket: 039554 DST#: 4
 Test Start: 2010.06.24 @ 09:52:41

Tool Information

Drill Pipe:	Length: 3132.00 ft	Diameter: 3.34 inches	Volume: 33.94 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 35.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3502.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 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			3475.00	
Shut In Tool	5.00			3480.00	
Hydraulic tool	5.00			3485.00	
Jars	5.00			3490.00	
Safety Joint	2.00			3492.00	
Packer	5.00			3497.00	28.00 Bottom Of Top Packer
Packer	5.00			3502.00	
Stubb	1.00			3503.00	
Perforations	4.00			3507.00	
Change Over Sub	1.00			3508.00	
Recorder	0.00	6668	Inside	3508.00	
Recorder	0.00	6669	Outside	3508.00	
Blank Spacing	31.00			3539.00	
Change Over Sub	1.00			3540.00	
Perforations	17.00			3557.00	
Bullnose	3.00			3560.00	58.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Berxco LLC

Simon #4

PO Box 20380
Wichita, KS 67208

9-14s-17w Ellis KS

Job Ticket: 039554

DST#: 4

ATTN: Bryan Bynog

Test Start: 2010.06.24 @ 09:52:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 70.00 sec/l

Cushion Volume:

bbbl

Water Loss: 10.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCWM 10%G,20%O,20%W,50%M	0.295
120.00	GOCWM 20%G,20%O,10%W,50%M	0.590
240.00	GMCO 20%G,40%O,40%M	1.506
390.00	GCO 20%G,80%O	4.226
0.00	180' GIP	0.000

Total Length: 810.00 ft

Total Volume: 6.617 bbl

Num Fluid Samples: 0

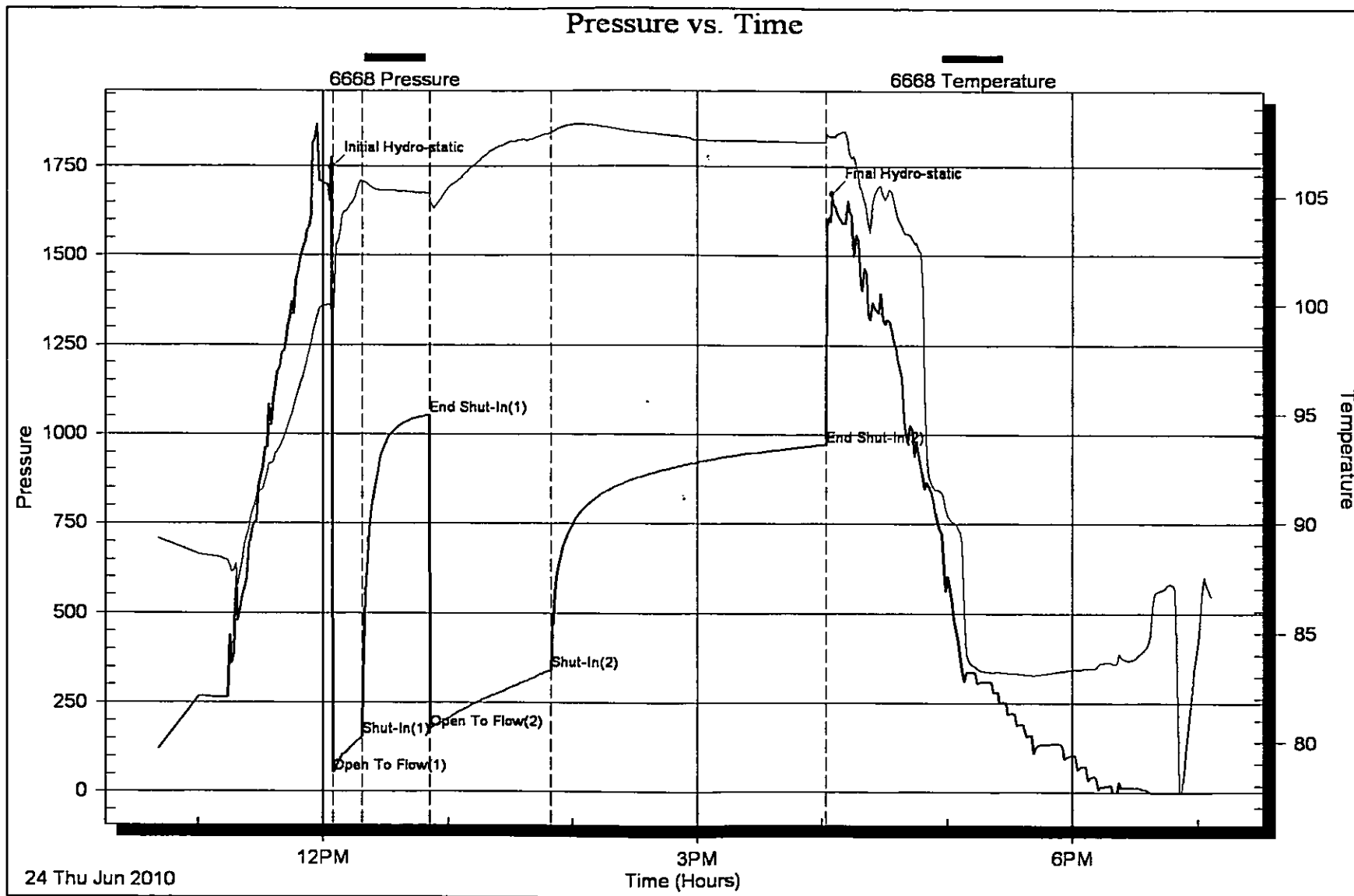
Num Gas Bombs: 0

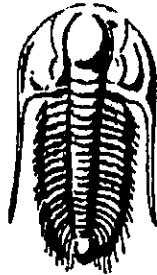
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berxco LLC**

PO Box 20380
Wichita, KS 67208

ATTN: Bryan Bynog

9-14s-17w Ellis KS

Simon #4

Start Date: 2010.06.25 @ 04:12:32

End Date: 2010.06.25 @ 13:07:32

Job Ticket #: 039555 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Berxco LLC

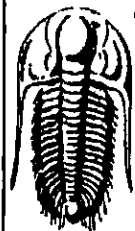
Simon #4

9-14s-17w Ellis KS

DST # 5

Arbuckle

2010.06.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berxco LLC
PO Box 20380
Wichita, KS 67208
ATTN: Bryan Bynog

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039555 DST#: 5
Test Start: 2010.06.25 @ 04:12:32

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: ft (CF)
Time Tool Opened: 06:34:32
Time Test Ended: 13:07:32
Interval: **3554.00 ft (CF) To 3580.00 ft (CF) (TVD)**
Total Depth: **3580.00 ft (CF) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

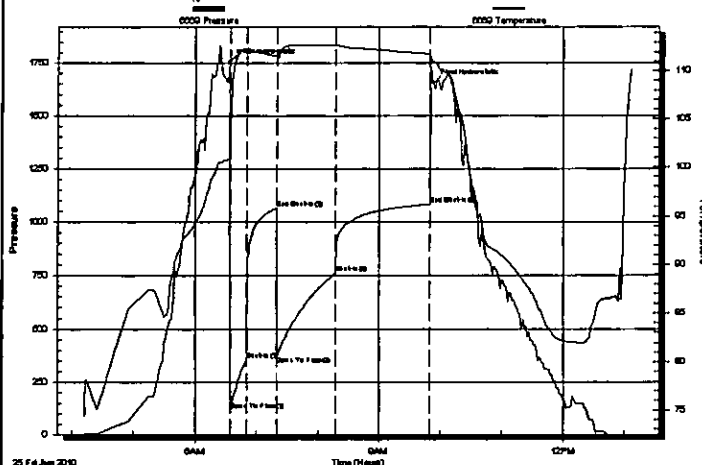
Test Type: **Conventional Bottom Hole**
Tester: **Tyson Flax**
Unit No: **44**

Reference Elevations: **2030.00 ft (KB)**
2019.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6669 Outside
Press@RunDepth: **760.84 psig @ 3559.00 ft (CF)** Capacity: **8000.00 psig**
Start Date: **2010.06.25** End Date: **2010.06.25** Last Calib.: **2010.06.25**
Start Time: **04:12:33** End Time: **13:07:32** Time On Btm: **2010.06.25 @ 06:33:02**
Time Off Btm: **2010.06.25 @ 09:53:32**

TEST COMMENT: IFP-BOB in 1 min
ISI-no blow back
FFP-BOB in 2 min
FSI-Weak surface blow back

Pressure vs. Time



PRESSURE SUMMARY

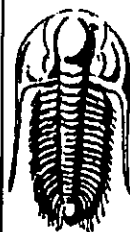
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.58	100.93	Initial Hydro-static
2	115.53	104.12	Open To Flow (1)
17	351.88	112.31	Shut-In(1)
46	1063.47	111.55	End Shut-In(1)
47	368.75	111.21	Open To Flow (2)
104	760.84	112.63	Shut-In(2)
197	1084.14	111.79	End Shut-In(2)
201	1654.88	110.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Water	4.99
120.00	MW w/scum of oil 90%W,10%M	1.30
180.00	OW 40%O,60%W	1.95
480.00	MCWO 70%O,20%W,10%M	5.20
310.00	CO	3.36

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)
----------------	-----------------	------------------



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berxco LLC
PO Box 20380
Wichita, KS 67208

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039555 **DST#: 5**
Test Start: 2010.06.25 @ 04:12:32

ATTN: Bryan Bynog

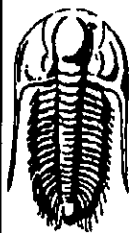
Tool Information

Drill Pipe:	Length: 3188.00 ft	Diameter: 3.34 inches	Volume: 34.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 36.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3554.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	54.00 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			3527.00	
Shut In Tool	5.00			3532.00	
Hydraulic tool	5.00			3537.00	
Jars	5.00			3542.00	
Safety Joint	2.00			3544.00	
Packer	5.00			3549.00	28.00 Bottom Of Top Packer
Packer	5.00			3554.00	
Stubb	1.00			3555.00	
Perforations	4.00			3559.00	
Recorder	0.00	6668	Inside	3559.00	
Recorder	0.00	6669	Outside	3559.00	
Perforations	18.00			3577.00	
Bullnose	3.00			3580.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berxco LLC
PO Box 20380
Wichita, KS 67208

Simon #4
9-14s-17w Ellis KS
Job Ticket: 039555 DST#: 5
Test Start: 2010.06.25 @ 04:12:32

ATTN: Bryan Bynog

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 70.00 sec/l
Water Loss: 10.19 in³
Resistivity: ohm.m
Salinity: 7000.00 ppm
Filter Cake: inches

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

Oil API: 30 deg API
Water Salinity: 36000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	Water	4.992
120.00	MW w/scum of oil 90%W,10%M	1.300
180.00	OW 40%O,60%W	1.951
480.00	MCWO 70%O,20%W,10%M	5.202
310.00	CO	3.359

Total Length: 1750.00 ft Total Volume: 16.804 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

