



CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168
Name: Woolsey Operating Company, LLC
Address 1: 125 N MARKET STE 1000
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1729
Contact Person: DEAN PATTISSON
Phone: (316) 267-4379
CONTRACTOR: License # 33793
Name: H2 Drilling LLC
Wellsite Geologist: SCOTT ALBERG
Purchaser: BLUESTEM GAS MARKETING

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 #: _____

10/22/2010 11/01/2010 11/19/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-007-23604-00-00

Spot Description: _____
N2 NW SW NW Sec. 31 Twp. 34 S. R. 11 East West
1,345 Feet from North / South Line of Section
330 Feet from East / West Line of Section

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

County: Barber
Lease Name: MILLER Well #: 5

Field Name: STRANATHAN

Producing Formation: MISENER

Elevation: Ground: 1370 Kelly Bushing: 1379

Total Depth: 5302 Plug Back Total Depth: 5130

Amount of Surface Pipe Set and Cemented at: 235 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: 43000 ppm Fluid volume: 1800 bbls
Dewatering method used: Evaporated

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: 02/21/2011
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 02/23/2011



1050931

Operator Name: Woolsey Operating Company, LLC Lease Name: MILLER Well #: 5
 Sec. 31 Twp. 34 S. R. 11 East West County: Barber

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Compensated Density/Comp Neutron PE Dual Induction Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>CHASE</td> <td>1847</td> <td>-468</td> </tr> <tr> <td>DOUGLAS</td> <td>3792</td> <td>-2413</td> </tr> <tr> <td>HERTHA</td> <td>4483</td> <td>-3104</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4695</td> <td>-3316</td> </tr> <tr> <td>MISENER</td> <td>5043</td> <td>-3664</td> </tr> <tr> <td>VIOLA</td> <td>5049</td> <td>-3670</td> </tr> <tr> <td>SIMPSON</td> <td>5189</td> <td>-3810</td> </tr> </table>	Name	Top	Datum	CHASE	1847	-468	DOUGLAS	3792	-2413	HERTHA	4483	-3104	MISSISSIPPIAN	4695	-3316	MISENER	5043	-3664	VIOLA	5049	-3670	SIMPSON	5189	-3810
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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	14.75	10.75	32.75	235	CLASS A	235	2% gel, 3% cc
PRODUCTION	7.875	4.5	10.5	5173	60/40 POZ	50	4% gel, 1/4# Celoflake
PRODUCTION	7.875	4.5	10.5	5173	CLASS H	180	10% salt, 10% Gypsol, 8# Kofeel, 1/4#

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
6	5043-5046	no acid / frac	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>5046</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11/18/2010</u>		Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>1500</u> Water Bbls. <u>0</u> Gas-Oil Ratio _____ Gravity <u>25</u>

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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5043-5046</u>
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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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 21, 2011

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: ACO1
API 15-007-23604-00-00
MILLER 5
NW/4 Sec.31-34S-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,
DEAN PATTISSON

ALLIED CEMENTING CO., LLC. 042242

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

SERVICE POINT:
Medicine Lodge

DATE <u>10-22-2010</u>	SEC. <u>31</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>6:30 PM</u>	ON LOCATION <u>9:00pm</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Miller</u>	WELL # <u>5</u>	LOCATION <u>Riddle Creek Rd, 3/4 south</u>			COUNTY <u>Berber</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)				<u>Essa & north Into</u>			

CONTRACTOR <u>H 2 #3</u>	OWNER <u>Woulsey Operating</u>
TYPE OF JOB _____	CEMENT _____
HOLE SIZE <u>14 3/4</u> T.D. <u>240</u>	AMOUNT ORDERED <u>230 sq class B + 3% cc</u>
CASING SIZE <u>10 3/4</u> DEPTH <u>221'</u>	<u>2% Gel</u>
TUBING SIZE <u>8 5/8 LT</u> DEPTH <u>12'</u>	COMMON <u>A 230 sq @ 15.45 3553.50</u>
DRILL PIPE _____ DEPTH _____	POZMIX _____ @ _____
TOOL _____ DEPTH _____	GEL <u>5 sq @ 20.80 104.00</u>
PRES. MAX _____ MINIMUM _____	CHLORIDE <u>8 sq @ 58.20 465.60</u>
MEAS. LINE _____ SHOE JOINT _____	ASC _____ @ _____
CEMENT LEFT IN CSG. <u>20'</u>	WELL FILL _____ @ _____
PERFS. _____	Regulatory Correspondence _____ @ _____
DISPLACEMENT <u>21 bbls of fresh water</u>	Comp. Workovers _____ @ _____
EQUIPMENT _____	Tests / Meters Operations _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER <u>Darin F</u>
<u>414-302</u> HELPER <u>Ron G.</u>
BULK TRUCK _____
<u>364</u> DRIVER <u>Jason T.</u>
BULK TRUCK _____
_____ DRIVER _____

REMARKS:

Pipe on bottom & break circulation
pump 3 bbls of class B, mix 230 sq
of cement, Displace 10 bbls of
fresh water, Shut in, cement &
circulate

HANDLING <u>243</u>	@ <u>240</u>	<u>583.20</u>
MILEAGE <u>243/10/15</u>		<u>364.50</u>
		TOTAL 5070.80

SERVICE

DEPTH OF JOB <u>233'</u>		
PUMP TRUCK CHARGE <u>1018.00</u>		
EXTRA FOOTAGE _____	@ _____	
MILEAGE <u>15</u>	@ <u>7.00</u>	<u>105.00</u>
MANIFOLD _____	@ _____	
<u>Skid set & 1/4 in</u>	@ _____	
	@ _____	

CHARGE TO: Woulsey Operating

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1123.00

PLUG & FLOAT EQUIPMENT

<u>none</u>	@ _____	
	@ _____	
	@ _____	
	@ _____	
	@ _____	

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.

SALES TAX (If Any) _____

TOTAL CHARGES ~~1123.00~~

DISCOUNT _____ IF PAID IN 30 DAYS ~~1123.00~~

PRINTED NAME x Scott Albury

SIGNATURE x [Signature]

Thank You!!!

ALLIED CEMENTING CO., LLC. 040528

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

SERVICE POINT: Medicine Lodge #5

DATE <u>11 02 10</u>	SEC. <u>31</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:30 AM</u>
LEASE <u>Miller</u>		WELL # <u>5</u>		LOCATION <u>28 1/4 Rattle snake Rd, 3/4s,</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>E & N/into</u>			

CONTRACTOR H-2 #3
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8 T.D. 5302
 CASING SIZE 4 1/2 DEPTH 5173
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM
 MEAS. LINE SHOE JOINT 42.20
 CEMENT LEFT IN CSG. 42'
 PERFS.
 DISPLACEMENT 80 Bbls 2% KCL water

OWNER Woolsey
 CEMENT
 AMOUNT ORDERED 75sx 60:40:40 ggd &
180sx Class H + 10% gyp + 10% salt + 6% Kalsol + 1/4%*
Flaseal + .8% FC160 & 8 gals Clapro
 COMMON A 45 sx @ 15.45 695.25
 POZMIX 30 sx @ 8.00 240.00
 GEL 3 sk @ 20.80 62.40
 CHLORIDE @
 ASC @
H = 180 sx @ 16.75 3015.00
Gypseal 17 sx @ 29.20 496.40
Salt 20 sx @ 12.00 240.00
FI-160 135 @ 13.30 1795.50
Kalseal 1080 @ -89 961.20
Flaseal 45 @ 2.50 112.50
KCL 8 Bals @ 31.25 250.00
 HANDLING 321 @ 2.40 770.40
 MILEAGE 321 / 10/15 481.50
 TOTAL 9120.15

EQUIPMENT
 PUMP TRUCK CEMENTER D Felig
 # 360-265 HELPER M. Thimesch
 BULK TRUCK
 # 381-280 DRIVER J. Thimesch
 BULK TRUCK
 # DRIVER

WELL FILE
 Regularity Correspondence
 Drig / (Comp) Workovers
 REMARKS: Meters Operations

Pipe on Birm, Brand Cica pump 50SX Scavenger,
Cement, Mix 180SX tail Cement Stop Pump,
Wash Pump & Cines, Release Plug, Start
Disp. w/ 2% KCL water. See steady increase in PWD
Slow Rate. Bump Plug at 80 Bbls total
Disp. Release PSE, Floats Did Hold,

Plug Rathole w/ 25sx 60.40 cement
 CHARGE TO: Woolsey Oper.
 STREET
 CITY STATE ZIP

SERVICE
 DEPTH OF JOB 5173
 PUMP TRUCK CHARGE 2185.00
 EXTRA FOOTAGE @
 MILEAGE 15 @ 7.00 105.00
 MANIFOLD Head Rental
 TOTAL 2290.00

PLUG & FLOAT EQUIPMENT
1-AFD Float Shoe @ 205.00
1-Catchdown Plug Assy @ 145.00
11-turbalizers @ 37.80 415.80
20-Recip Scatchers @ 55.65 1113.00
 TOTAL 1,878.80

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 Scott Alberg
 SIGNATURE [Signature]

SALES TAX (If Any)
 TOTAL CHARGES [Scribbled]
 DISCOUNT [Scribbled] IF PAID IN 30 DAYS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Woolsey Operating Co.LLC

Miller #5

125 N.Market,Ste.1000
Wichita Ks.67202

31-34s-11w Barber Ks

Job Ticket: 039280 **DST#: 1**

ATTN: Scott Alberg

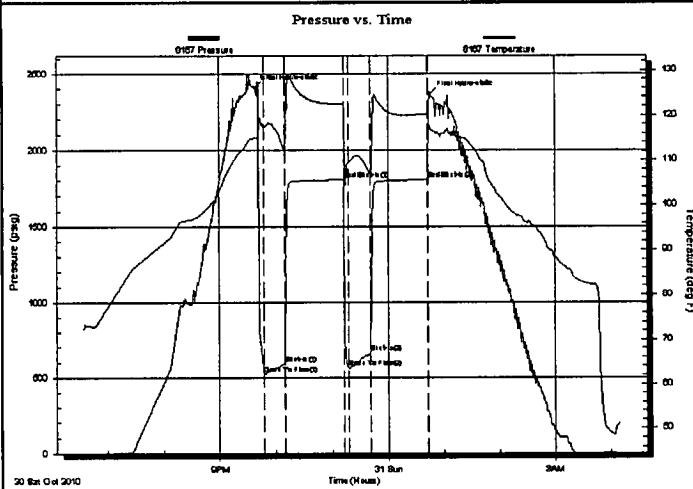
Test Start: 2010.10.30 @ 18:35:06

GENERAL INFORMATION:

Formation: **Misner**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 21:46:51
 Time Test Ended: 04:11:36
 Interval: **4932.00 ft (KB) To 5055.00 ft (KB) (TVD)**
 Total Depth: **5055.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole**
 Tester: **Gary Pevoteaux**
 Unit No: **39**
 Reference Elevations: **1379.00 ft (KB)**
1370.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8167 **Inside**
 Press@RunDepth: **663.09 psig @ 4933.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.10.30** End Date: **2010.10.31** Last Calib.: **2010.10.31**
 Start Time: **18:35:11** End Time: **04:11:36** Time On Btrn: **2010.10.30 @ 21:37:06**
 Time Off Btrn: **2010.10.31 @ 00:45:36**

TEST COMMENT: IF:Strong blow . B.O.B. in 50 secs.GTS in 3 mins.(see gas flow report)
 IS:Weak blow . 1/2 - 1".
 FF:Strong blow . (see gas flow report)
 FS:Weak blow . 1 - 4".



PRESSURE SUMMARY

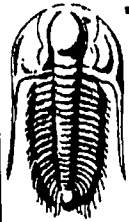
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2407.52	114.85	Initial Hydro-static
10	522.10	117.02	Open To Flow (1)
33	594.35	111.76	Shut-In(1)
96	1807.17	122.35	End Shut-In(1)
101	567.56	109.38	Open To Flow (2)
125	663.09	106.74	Shut-In(2)
186	1809.28	120.26	End Shut-In(2)
189	2365.62	117.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GCM w trace of oil 17%g 83%m	0.89
230.00	SGCM 5%g 95%m	2.41

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	60.00	2138.91
Last Gas Rate	1.00	90.00	3001.38
Max. Gas Rate	1.00	90.00	3001.38



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC

Miller #5

125 N.Market,Ste.1000
Wichita Ks.67202

31-34s-11w Barber Ks

Job Ticket: 039280

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.10.30 @ 18:35:06

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:

3500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GCM w trace of oil 17%g 83%m	0.885
230.00	SGCM 5%g 95%m	2.406

Total Length: 410.00 ft Total Volume: 3.291 bbl

Num Fluid Samples: 0

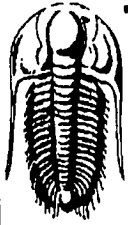
Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name: caraw ay

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co.LLC

Miller #5

125 N.Market,Ste.1000
Wichita Ks.67202

31-34s-11w Barber Ks

Job Ticket: 039280

DST#: 1

ATTN: Scott Alberg

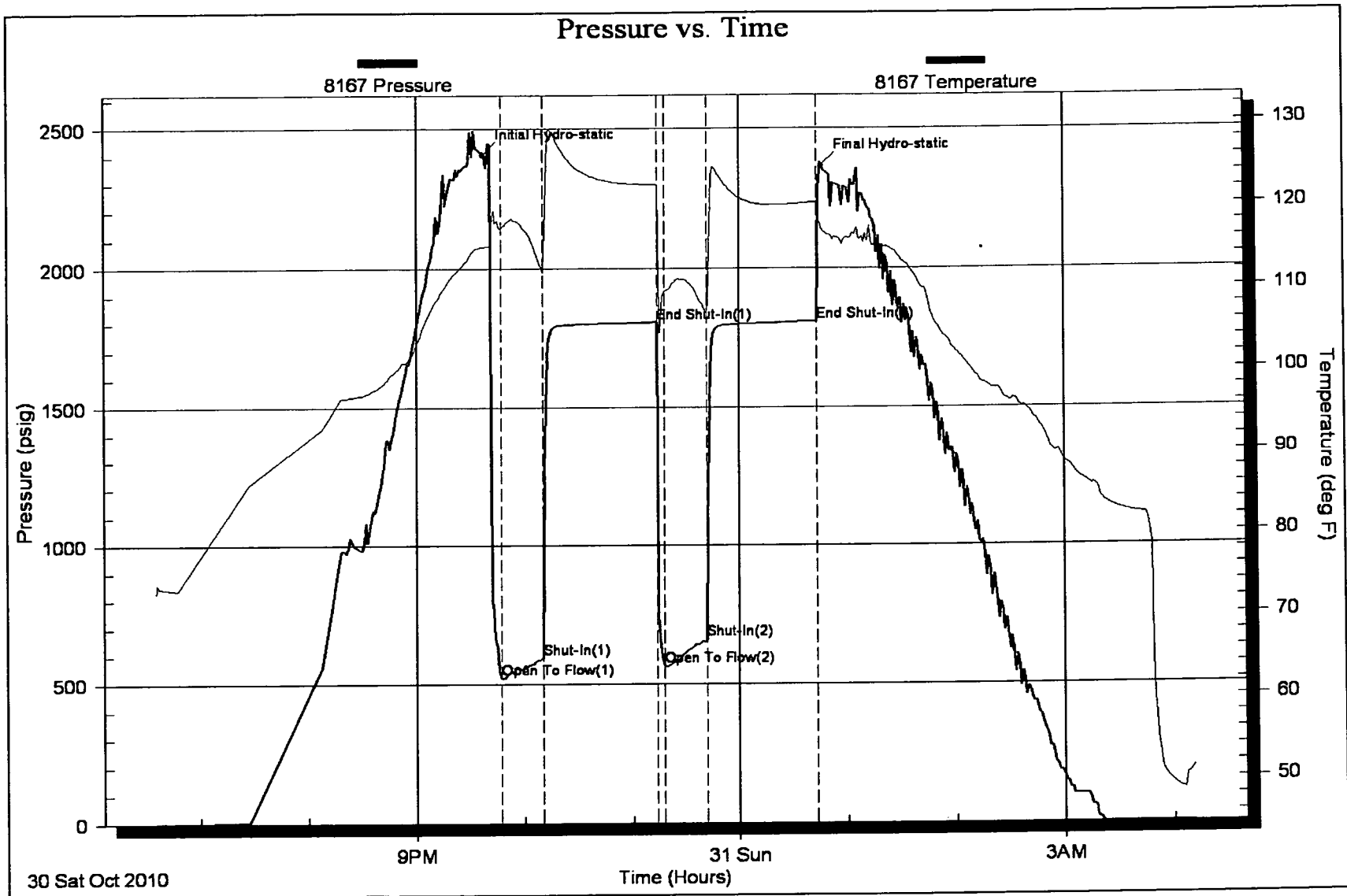
Test Start: 2010.10.30 @ 18:35:06

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	1.00	60.00	2138.91
1	20	1.00	74.00	2541.40
1	30	1.00	80.00	2713.89
2	10	1.00	73.00	2512.65
2	20	1.00	86.00	2886.38
2	30	1.00	90.00	3001.38





Woolsey Operating Company, LLC
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Miller #5
Location: W/2 W/2 NW
License Number: API: 15-007-23604-00-00
Spud Date: October 22, 2010
Surface Coordinates: 1420' FNL, 330' FWL Section 31-Twp 34 South - Rge 11 West
Bottom Hole Coordinates: Vertical Hole
Region: Barber County, Kansas
Drilling Completed: November 1, 2010
Ground Elevation (ft): 1370
Logged Interval (ft): 4100 To: 5300
Formation: McLish Shale
Type of Drilling Fluid: Chemical Mud, Displace at 3400'
K.B. Elevation (ft): 1379
Total Depth (ft): 5300
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company, LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: W. Scott Alberg
Company: Alberg Petroleum, LLC
Address: 609 Meadowlark Lane
Pratt, Kansas 67124

FORMATION TOPS

	SAMPLE TOPS	LOG TOPS
HUSHPUCKNEY SHALE	4469(-3090)	4468(-3089)
B/KC	4517(-3138)	4517(-3168)
PAWNEE	4616(-3237)	4616(-3237)
CHEROKEE GROUP	4663(-3284)	4662(-3283)
CHEROKEE SAND	4688(-3309)	4687(-3308)
MISSISSIPPIAN	4694(-3315)	4694(-3315)
COMPTON LIMESTONE	4922(-3543)	4924(-3545)
KINDERHOOK SHALE	4937(-3558)	4938(-3559)
WOODFORD SHALE	5016(-3637)	5016(-3637)
MISNER SAND	5043(-3664)	5043(-3664)
VIOLA	5048(-3669)	5048(-3669)
SIMPSON GROUP	5189(-3810)	5190(-3811)
SIMPSON WILCOX	5215(-3836)	5216(-3837)
MCLISH SHALE	5259(-3880)	5258(-3879)
MCLISH SAND	NDE	
RTD	5300(-3921)	
LTD		5302(-3923)

COMMENTS

Surface Casing: Set 6 joints 10 3/4" at 233' with 230 sxs Class A, 2% gel, 3% cc, plug down at 11:55 pm on October 22, 2010. Cement did Circulate.

Production Casing: 4 1/2" casing set at

Deviation Surveys: 240' 3/4, 1218 3/4, 1756' 1, 2266' 1 1/4, 2777 3/4, 3283' 1/2, 3761' 1, 4300 1 3/4, 4459' 3/4, 5002' 1 1/4, 5300' 1 3/4.

Contractor Bit Record: 1- 14 3/4" out at 240'.

2- 7 7/8" out at 5055'.

3- 7 7/8" out at 5300'.

Gas Detector: Woolsey Operating Company, Trailer #2

Mud System: Mud Co, Brad Bortz, Engineer

DSTs: See DSt Results Below

DSTs

DST #1 4932 to 5055' Misener

Times 30-60-30-60

Intial Opening - Strong Blow GTS 3 min., 1/2 to 1" blow back on shut in

2nd Opening - GTS Immediately, 1-4" blow back

IHP 2408 FHP 2366

IFP 522 to 594# FFP 567 to 663#

ISIP 1807# FSIP 1809#

Recovery: 180' GCM/ w trace of oil, 17% g 83% m

230' SGCM 5%g 95% m

GTS 3 min

10 min 2,139 mcfpd

20 min 2,541 mcfpd

30 min 2,714 mcfpd

2nd opening

10 min 2,513 mcfpd

20 min 2,886 mcfpd

30 min 3,001 mcfpd

CREWS

H2 Drilling Rig #3

Tool Pusher - Randy Smith

Drillers - Mark Staats

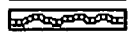
Gary Axtell

Cesar Regalado

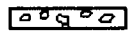
ROCK TYPES



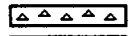
Anhy



Bent



Brec



Cht



Clyst



Coal



Congl



Sdy dolo



Shy dolo



Dol



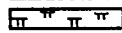
Gyp



Sdy lmst



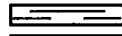
Lmst



Mrlst



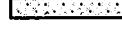
Salt



Shale



Sltst



Ss



Black sh



Gry sh



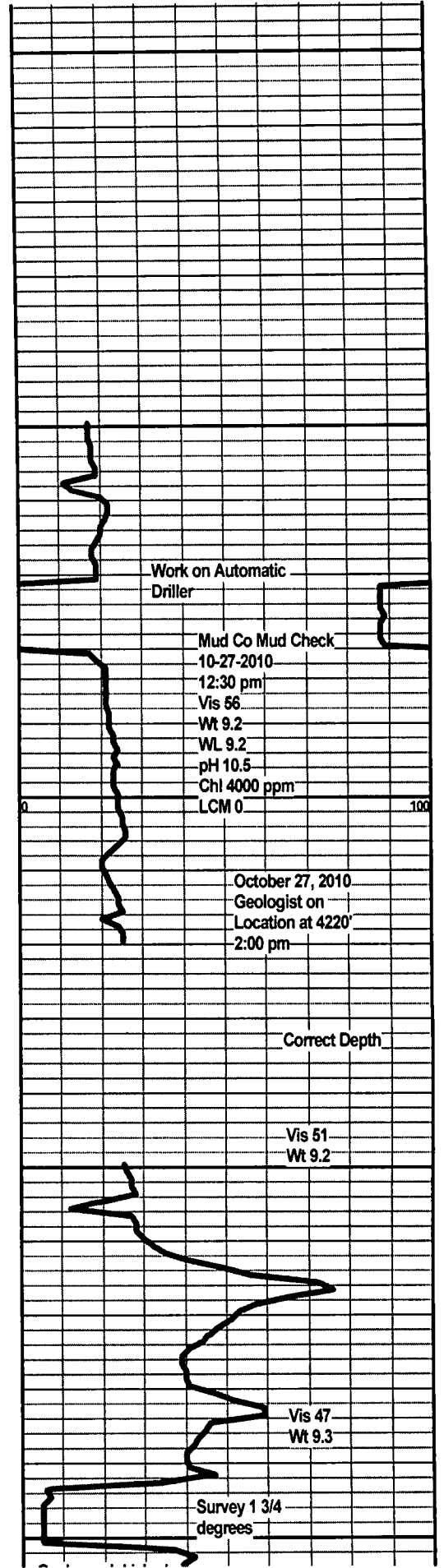
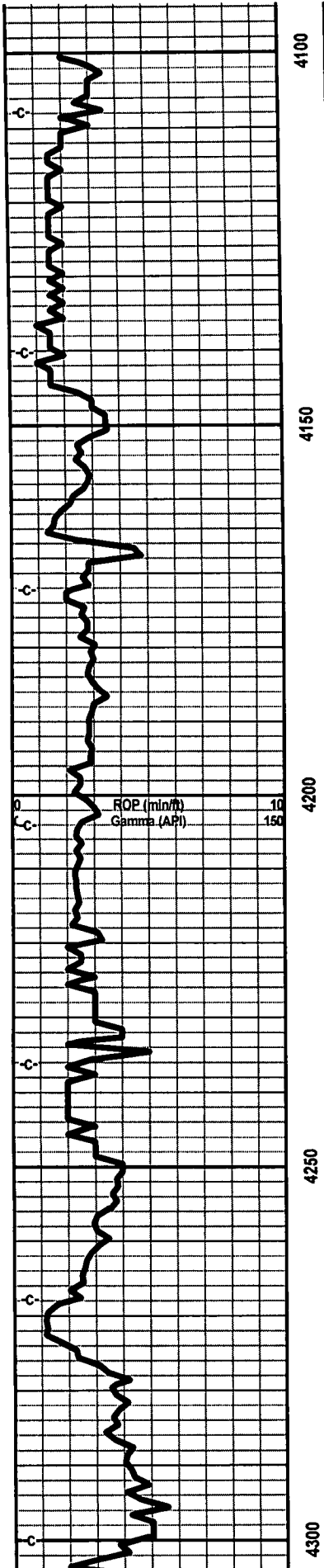
Shale

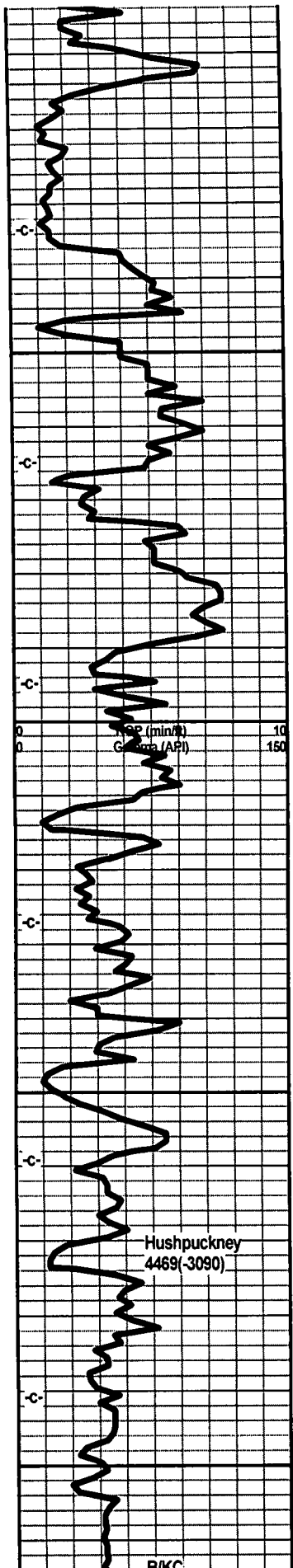


Shysltst



Sltsh



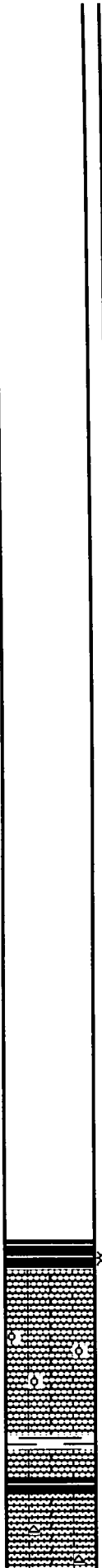


4350

4400

4450

4500



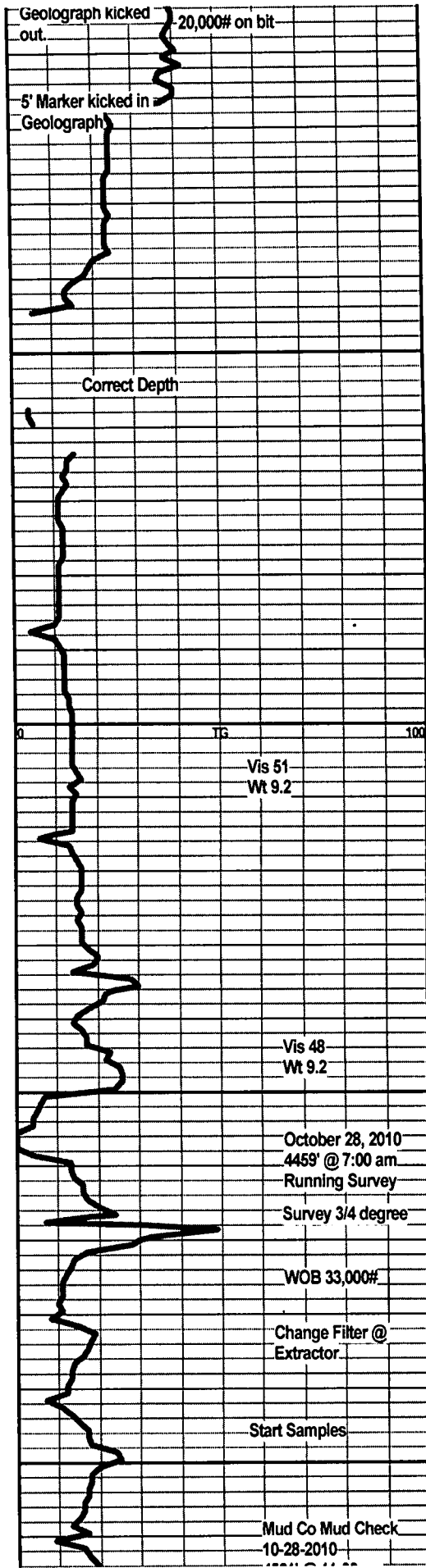
Shale, grey-black, carb.

Limestone, cream-white to tan, xln, sl. oolitic, ool. porosity, chalky in part.

Shale, lt. grey

Shale, grey-black, sl. carb.

Limestone, tan, xln, dense, sl foss, chalky in part, trace of tan chert.



Geograph kicked out.

20,000# on bit

5' Marker kicked in Geograph

Correct Depth

TG

Vis 51
Wt 9.2

Vis 48
Wt 9.2

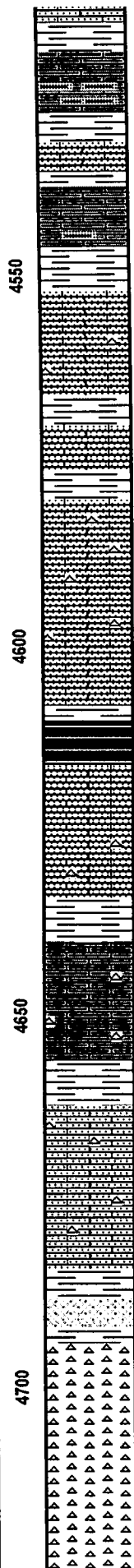
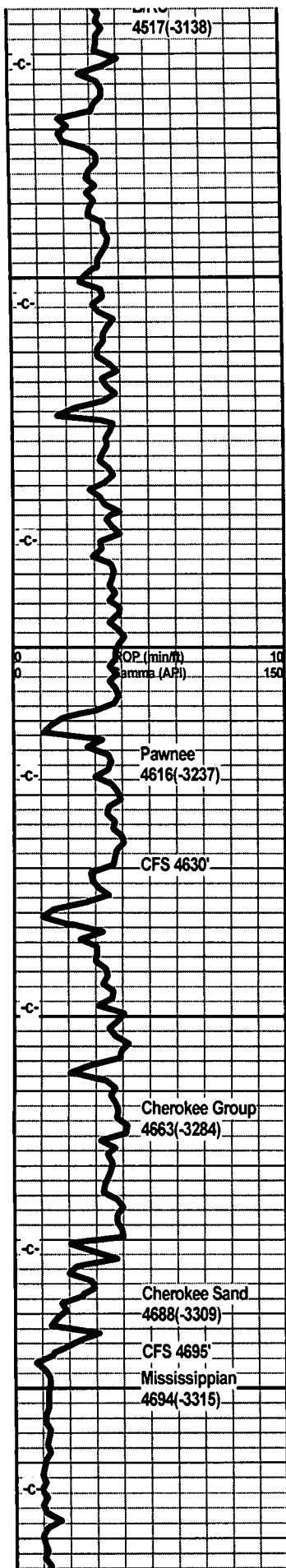
October 28, 2010
4459' @ 7:00 am
Running Survey
Survey 3/4 degree

WOB 33,000#

Change Filter @
Extractor

Start Samples

Mud Co Mud Check
10-28-2010



Shale, lt. grey.

Limestone, tan-grey, xln, shaley in part.

Shale, grey.

Limestone, tan-cream-white, fxln, sl foss, sub-chalky.

Ls a/a, shaley towards base.

Shale, grey-green, traces of pyrite.

Limestone, cream, tan, xln, dense, trace of foss., cherty in part.

Shale, grey-green.

Limestone, grey-tan, xln shaley in part.

Shale, grey-green.

Limestone, cream, tan-white, fxln, dense, sub-chalky, sl. foss., traces of chert.

Limestone, tan, grey-tan, fxln, dense, traces of tan-white chert.

Shale, Grey-Black, carb.

Limestone, tan-white, cream, xln, foss. porosity, some xln-pp porosity, v. sl show gas, dull mineral fluor., no odor, good kick.

Limestone, cream-tan, xln, foss, trace tan chert.

Shale, dk grey.

Limestone, cream-tan, xln foss in part, sub-chalky, trace of tan chert.

Shale, grey, dark grey.

Limestone, cream, tan, xln, foss in part, traces of chert, sub-chalky.

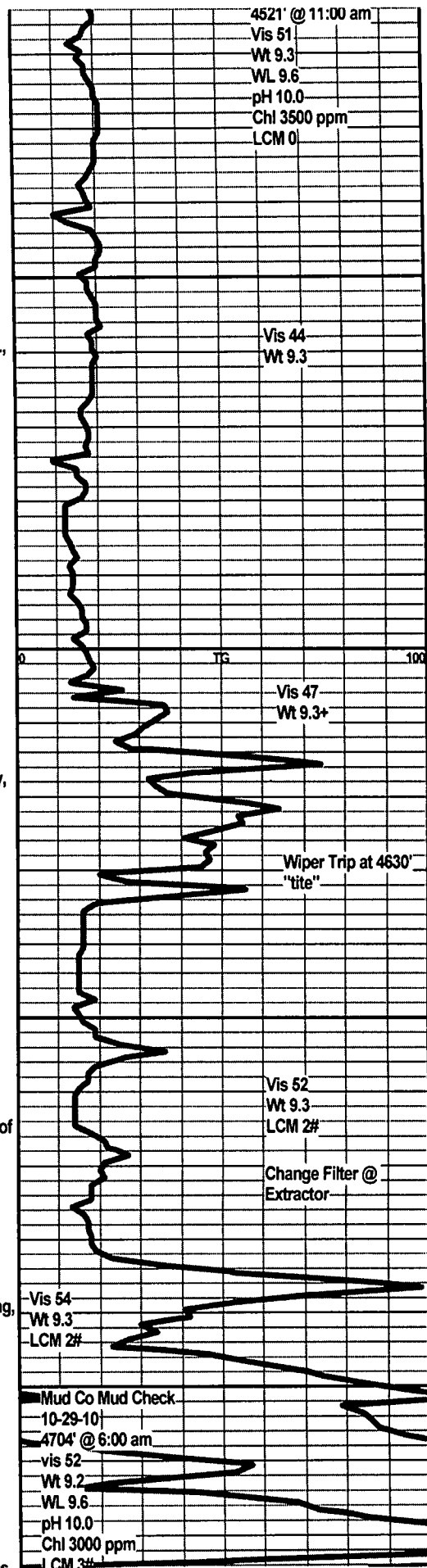
Limestone, cream to tan-white, xln, sl foss., sub-chalky, shaley in part.

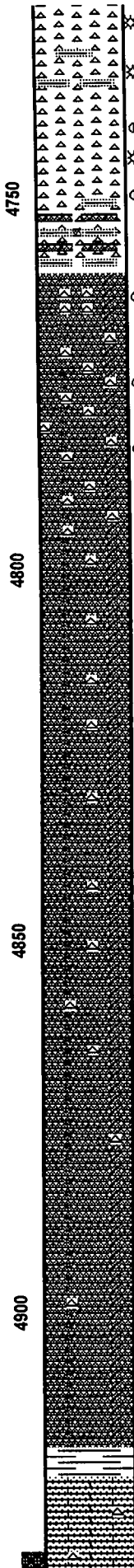
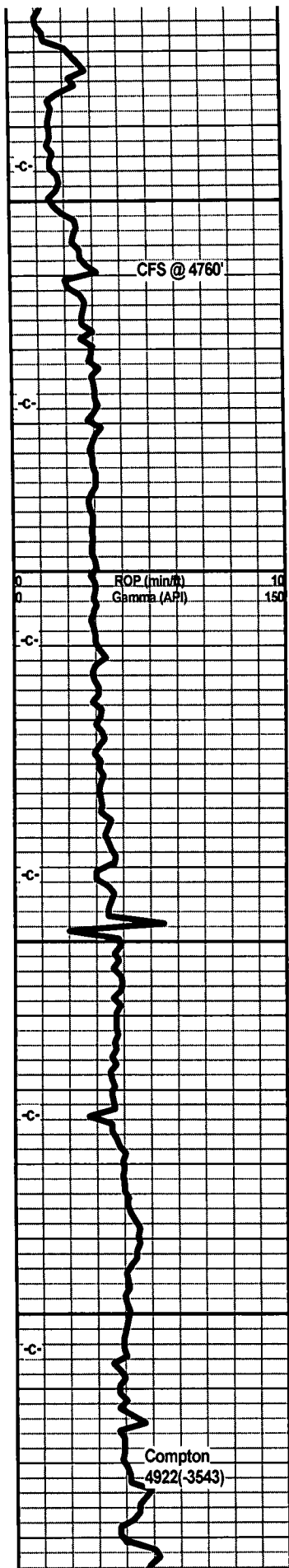
Shale, dark grey.

Sst, tan to clear, fn grained, friable, good sorting, fair cementation in part, light brown staining, slight to poor odor, light show of oil, v. faint fluor, trace of gas bubbles, good gas kick.

Chert, white, clear, some tan-white, fresh to weathered, pp porosity, trace of small vugs, fractured, dark staining along fractures, light brown staining on weathered pieces, v. dull fluor, slight show oil, good gas kick.

Chert, white, off-white, clear, tan, sharp, weathered, fractured, no & scattered small vugs





weathered, fractured, pp & scattered small vugs, fair odor, sl. show gas, trace free oil in tray, light brown staining, dark staining along fractured edges, good gas kick.

Chert, white, off-white, some tan, pale green, clear, fresh to weathered, pp & few small vugs, light brown staining on weathered pcs, dark staining along edges, fair odor, trace free oil in tray, slight show of gas, fair gas indication.

Chert, off-white, slightly dolo, light staining w light show of oil, grey shales inter bedded, decreasing shows, faint odor.

Chert, dolo, tan-white to off-white, some fresh chert with edge staining, decreasing odor, faint, weathered with light brown staining, dark grey shales present.

Dolo, cherty, grey, lt grey, some tan-white, fresh cherts, some lt brown staining, dark grey-green shales.

Dolo, lt grey to grey, cherty, fn grained, some faint staining on chert pcs, very shaley.

Dolo, Lt grey, grey, fn grained, cherty, shaley, most chert milky white to fresh trace of stain, no odor or visible shows.

Dolo, lt grey to grey, fn grained, silty, shaley, dk grey-green shales, trace pyrite.

Dolo., lt grey to grey, fn grained, silty, cherty in part, dk grey-green shales.

Dolo., grey to lt grey, silty, fn grained, shaley in part, traces of fresh chert.

Dolo., lt grey, silty, shaley, cherty in part.

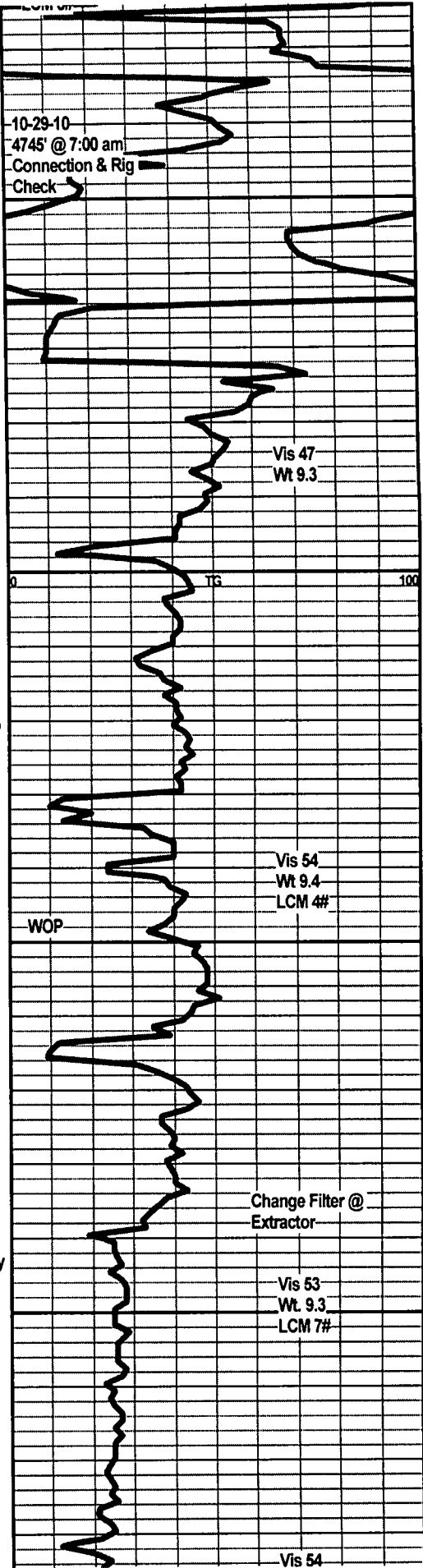
Dolo., grey, silty, fn grained, traces of chert, some dk grey shales.

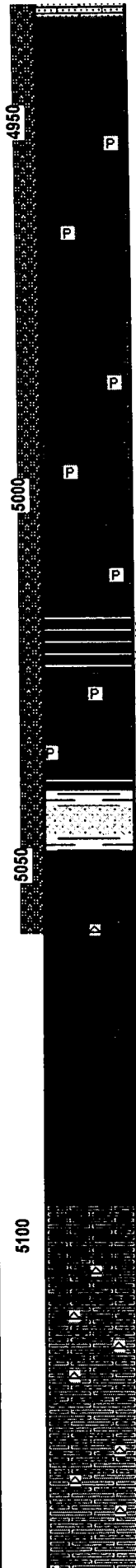
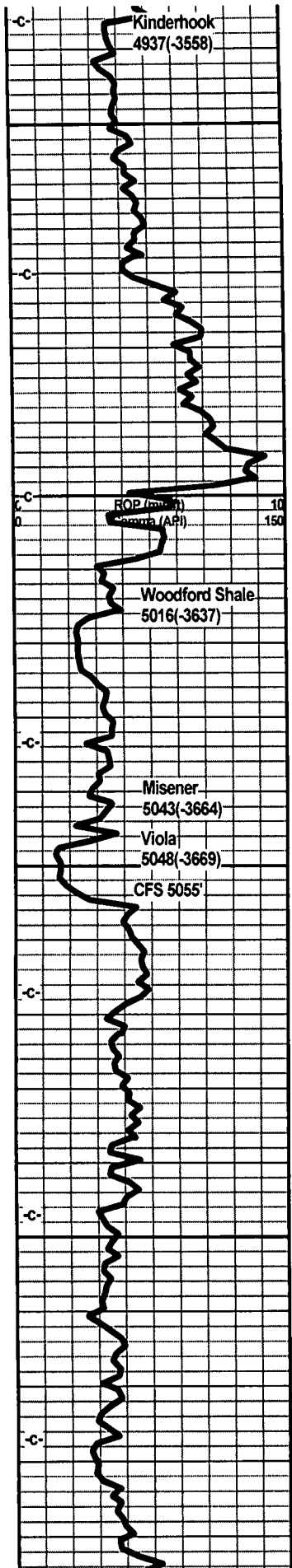
Dolo., lt grey to grey, xln, silty, fn grained, cherty in part, shaley.

Dolo., grey, lt grey, fn grained, silty, trace of chert, grey shales present.

Shale, dark grey.

Limestone, cream-white, xln, sl. foss., sub-chalky in part, dense, trace of chert.





Shale, dark grey, blk, firm.

Shale, dark grey to a lt grey, firm, blk, trace of pyrite.

Shale, dark grey, grey, firm, blk, pyrite.

Shale, grey, dark grey, firm, blk, traces of pyrite.

Shale, grey, dk grey, taces of pyrite, blk., firm.

Shale, grey, dk grey, firm, blk, traces of pyrite.

Shale, grey-black, some coffee brown, traces of gas bubbles.

Shale, dk grey-black, sl carb.

Shale, grey-black, carb, sl show gas bubbles.

Sandstone, clear to tan, fn grained sa to sr, poorly sorted, friable, blk gil flakes, sl lt bwn str, poor odor, p-f odor when cluster broken, p show oil, scattered lt fluor. 60 min sample, fair odor, clear to tan clusters, friable, some tite, sl better show of oil, blk gil flakes, sl show gas bubbles.

Dolo, lt. grey fn grained, soft, silty, gritty, traces of ls. shaley.

Dolo, grey, lt grey, fn grained, soft, silty, shaley, traces of soft off-white ls.

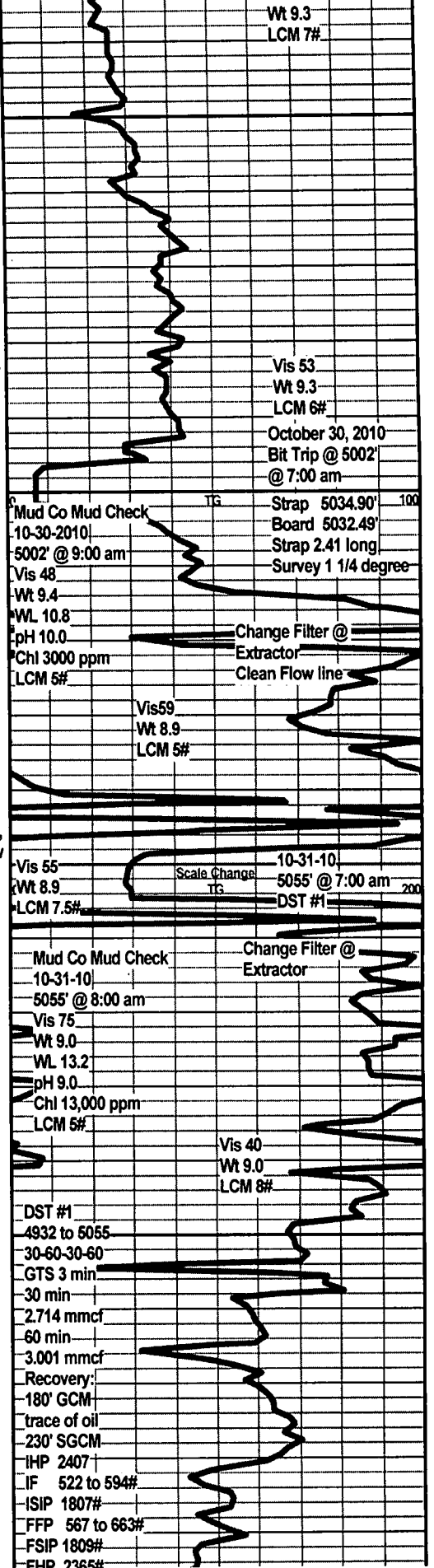
Dolo, lt grey to grey, fn grained, silty, soft, shaley, traces of soft chalky ls.

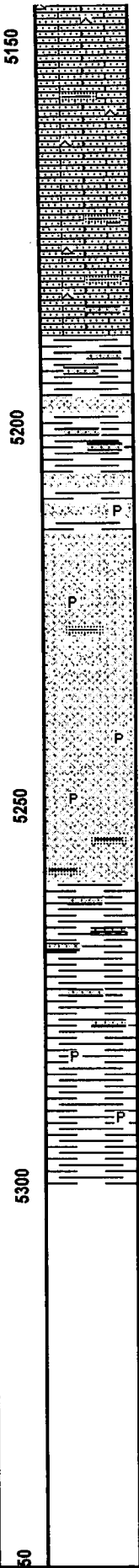
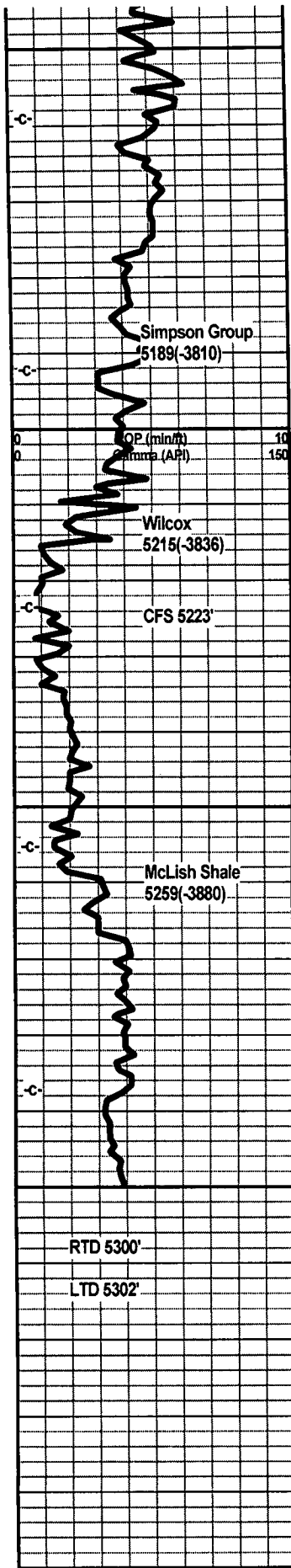
Ls, tan-white, fnxn, dense, sl foss, dolo in part.

Ls, white, tan, off-white, xln, foss, sub-chalky, traces of white to trans chert.

Ls, white to off-white, tan, xln, foss in part, sub-chalky, some xln porosity, traces of chert.

Ls, off-white, xln, dense, tan-white, foss, cherty in part.





Ls, tan-white to off-white, xln, sl. dolo, foss in part, some sub-chalky ls, traces of tan chert, grey-green shales present.

Ls, tan-white, frxn, dense, sl foss., tan cherts, sharp, some interbedded grey-green shales.

Ls, tan-white, xln, sub-chalky, tan cherts, some green shales.

Shale, dk green, firm, sandy in part, sst stringers, well cemented.

Sst, clear to grey-white, sa to sr, poorly sorted well cemented, traces of pyrite, glauc., shaley in part.

Shale, dark green, firm, sandy in part, pyrite.

Sst, clear to white frosted grains, friable, some well cemented, fair sorting, sa to sr, traces of pyrite flakes, glauc, no visible shows, no odor.

Sst, clear to white, some tan, sa to sr, friable in part, some well cemented, poorly sorted, glauc, traces of pyrite, no visible shows, no odor.

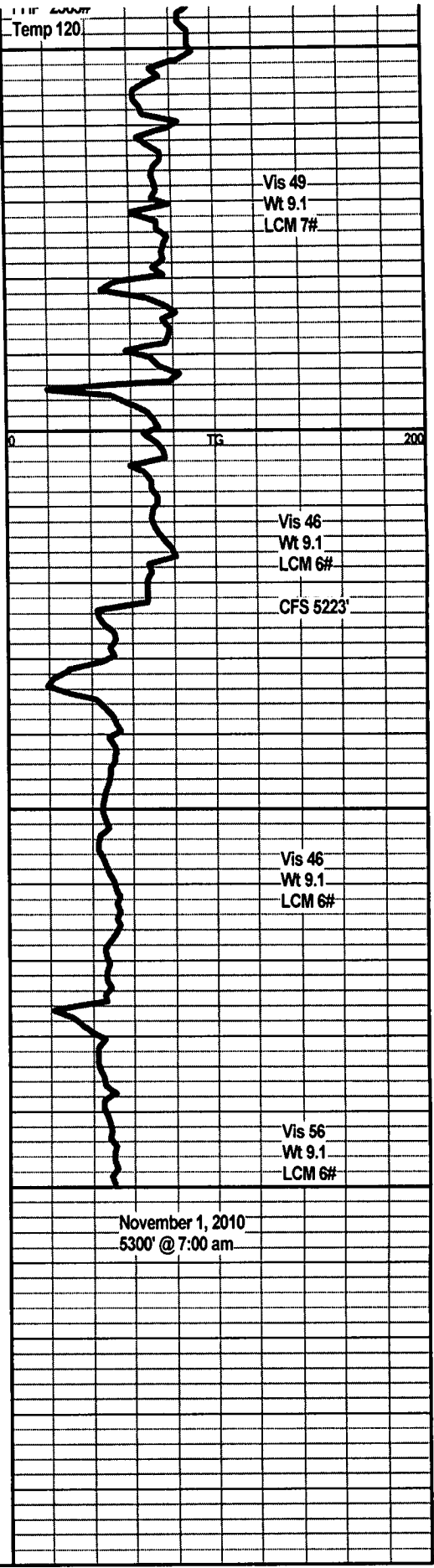
Sst, tan, clear, sa to sr, poorly sorted, friable on part, some well cemented, glauc., pyrite, shaley in part.

Shale, dark green, firm, pyritic in part, traces of sand interbedded.

Shale, dark green, firm, pyrite.

Shale, dark green to green, firm, blk.

Shale, dark green-green, firm.



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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 23, 2011

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: ACO-1
API 15-007-23604-00-00
MILLER 5
NW/4 Sec.31-34S-11W
Barber County, Kansas

Dear DEAN PATTISSON:

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 10/22/2010 and the ACO-1 was received on February 21, 2011 (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