



CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



1050931

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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. 040528

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <i>11 02 10</i>	SEC. <i>31</i>	TWP. <i>34s</i>	RANGE <i>11w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>10:30 AM</i>
LEASE <i>Miller</i>	WELL # <i>5</i>	LOCATION <i>vs 281 & Rattle snake Rd, 3/4s,</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)			<i>E & N/into</i>				

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 *75sx60:40:40/gal & 180sx Class H + 10% gyp + 10% salt + 6# Kalseal + 1/4# Floseal + .8% FC160 & 8gals 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
Floseal 45# @ 2.50 112.50
KCL 8 Gals @ 31.25 250.00
 HANDLING *321 @ 2.40 770.40*
 MILEAGE *321 / .10 / 15 481.50*
 TOTAL *9120.15*

EQUIPMENT
 PUMP TRUCK CEMENTER *D Felio*
 # *360-265* HELPER *M. Thimesch*
 BULK TRUCK
 # *381-290* DRIVER *J. Thimesch*
 BULK TRUCK
 # DRIVER

WELL FILE
 Regulatory Correspondence
 Drlg / Comp Workovers
 Meters Operations

REMARKS: *Pipe on Btm, Break Circ. pump 50SX Scavenger, Cement, Mix 180SX tail Cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ 2% KCL water, See steady increase in PSD, Slow Rate, Bump Plug at 80 Bbls total Disp., Release PSI, Floats Did Hold,*

Plug Rathole w/ 25sx60:40 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-turbolizers @ 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 ~~9120.15~~
 DISCOUNT ~~9120.15~~ 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

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 4932.00 ft (KB) To 5055.00 ft (KB) (TVD)

Reference Elevations: 1379.00 ft (KB)

Total Depth: 5055.00 ft (KB) (TVD)

1370.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

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 Btm: 2010.10.30 @ 21:37:06

Time Off Btm: 2010.10.31 @ 00:45:36

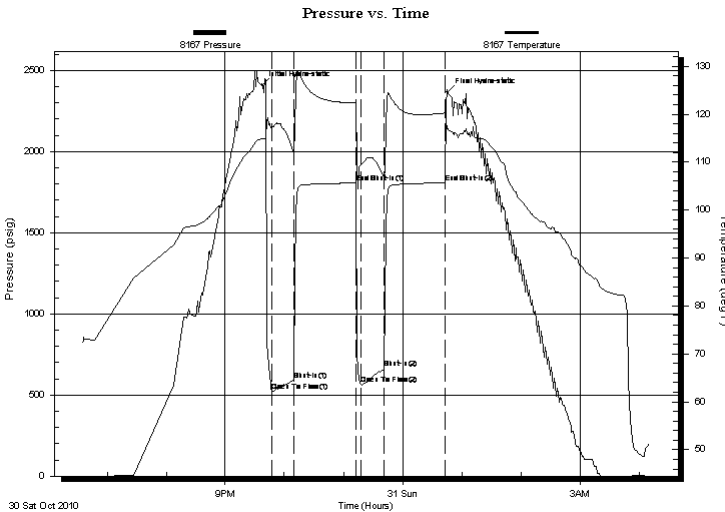
TEST COMMENT: IF:Strong blow . B.O.B. in 50 secs.GTS in 3 mins.(see gas flow report)

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:

bbbl

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: caraway

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

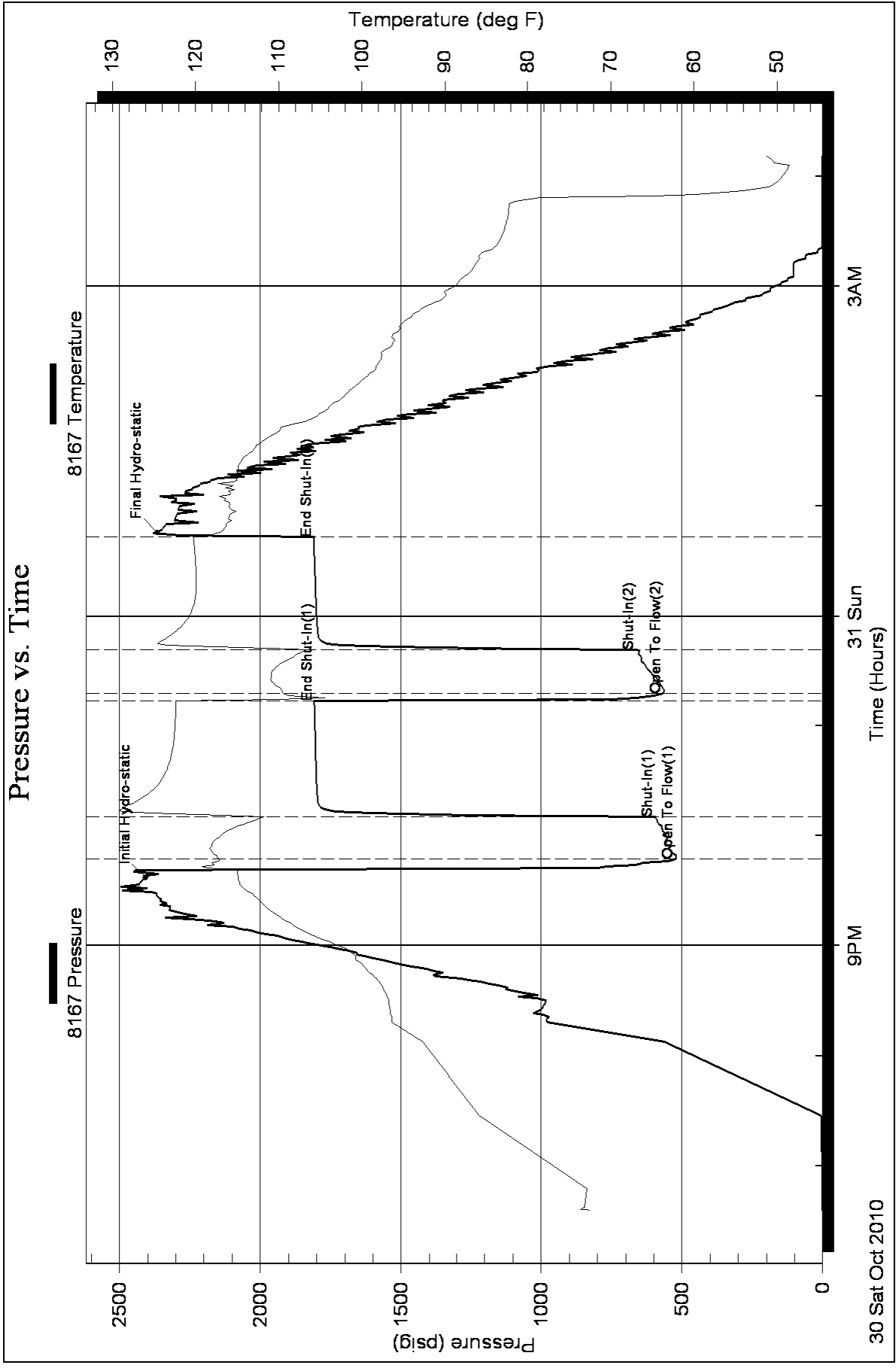
Test Start: 2010.10.30 @ 18:35:06

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

Region: Barber County, Kansas

Drilling Completed: November 1, 2010

Surface Coordinates: 1420' FNL, 330' FWL Section 31-Twp 34 South - Rge 11 West
Stranathan

Bottom Hole Coordinates: Vertical Hole

Ground Elevation (ft): 1370

K.B. Elevation (ft): 1379

Logged Interval (ft): 4100 To: 5300 Total Depth (ft): 5300

Formation: McLish Shale

Type of Drilling Fluid: Chemical Mud, Displace at 3400'

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

Initial 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


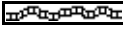
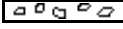



Tool Pusher - Randy Smith







Drillers - Mark Staats


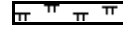

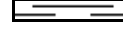


Gary Axtell






Cesar Regalado

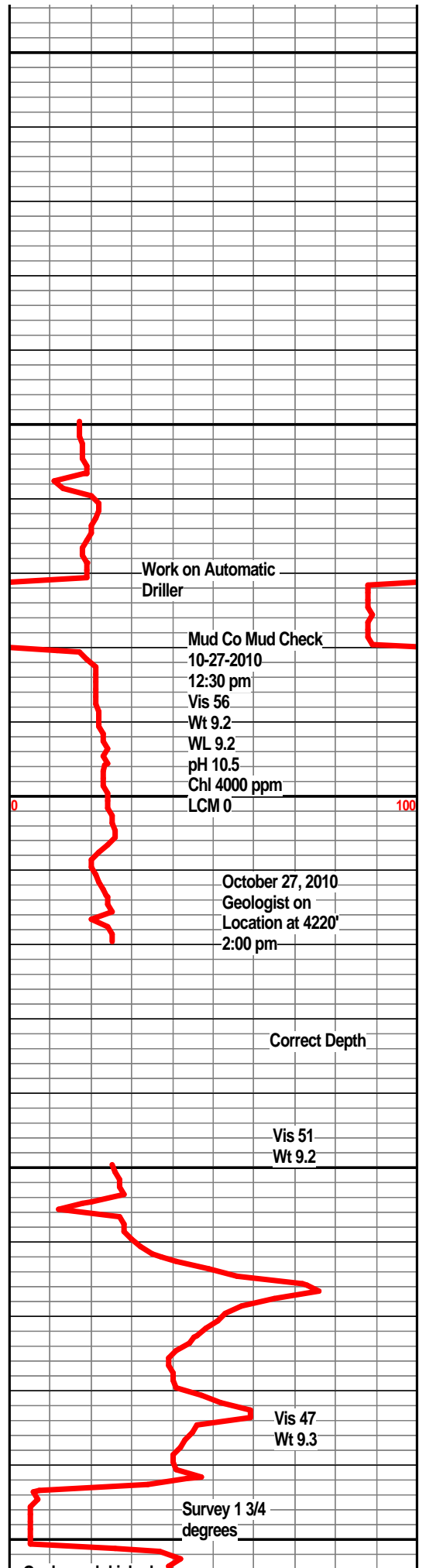
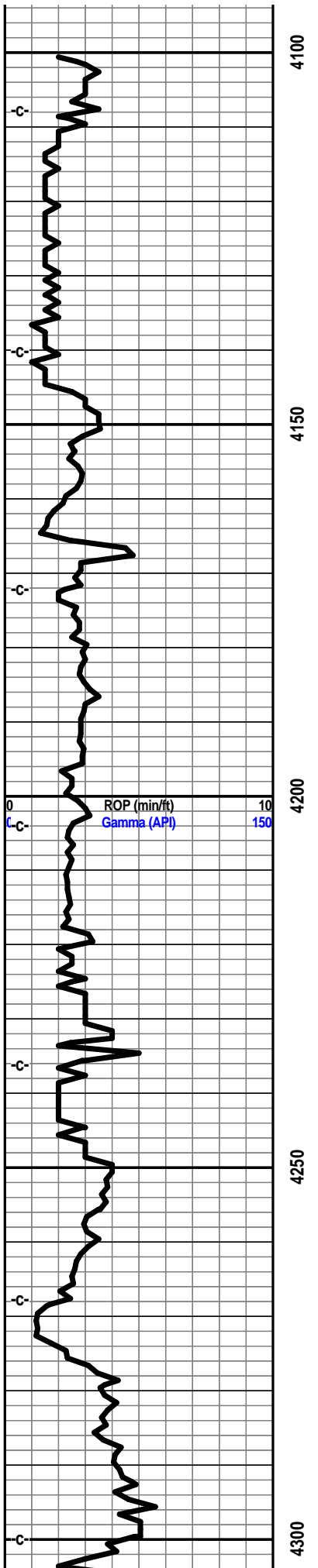
ROCK TYPES

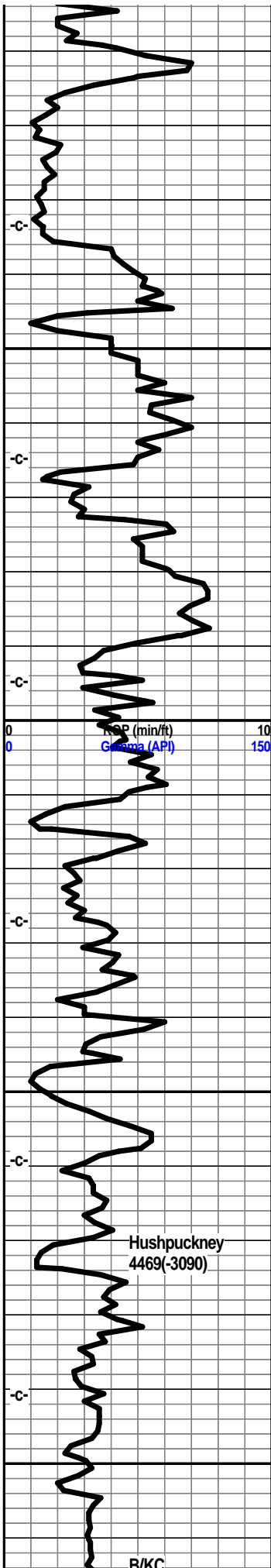
 Anhy
 Bent
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 Lmst
 Mrlst
 Salt
 Shale
 Slstst
 Ss

 Black sh
 Gry sh
 Shale
 Shyslstst
 Sltysh





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

0 TG 100

Vis 51
Wt 9.2

Vis 48
Wt 9.2

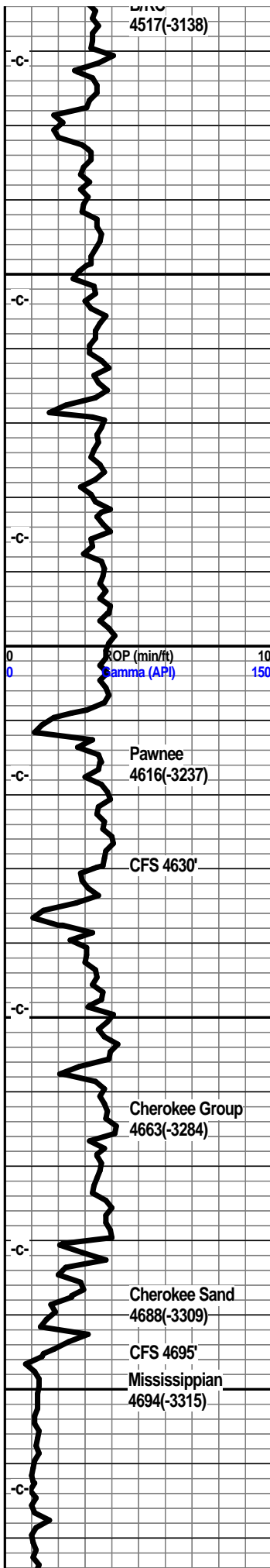
October 28, 2010
4459' @ 7:00 am
Running Survey
Survey 3/4 degree

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, crm-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.

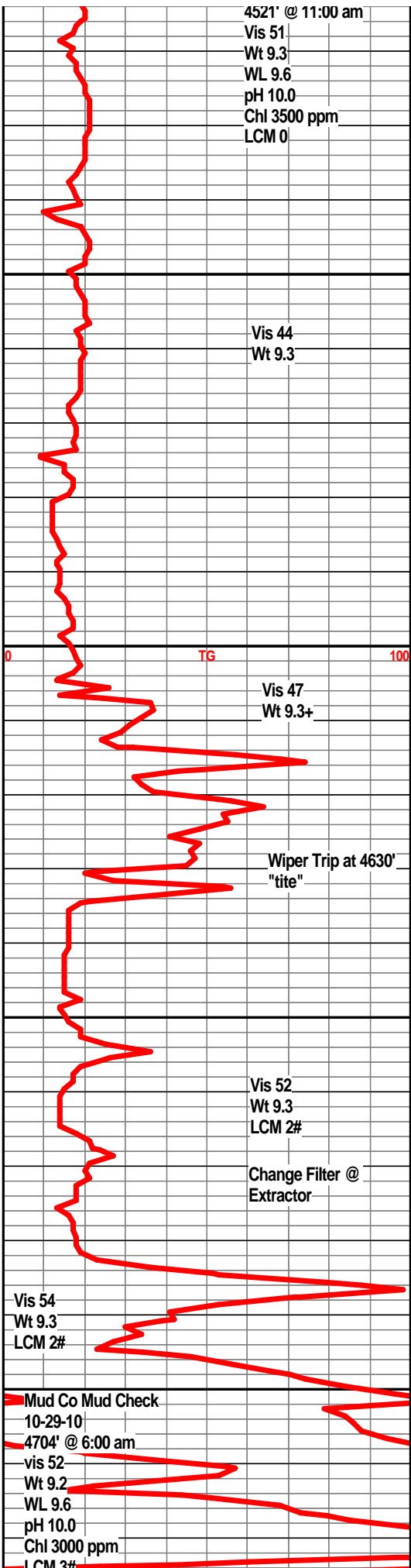
Limestone, cream to tan-white, xln, sl foss., sub-chalky, shaley in part.

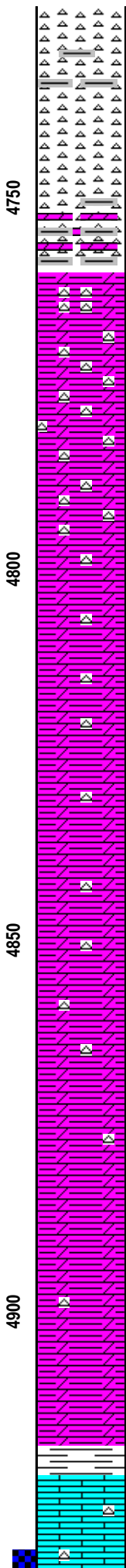
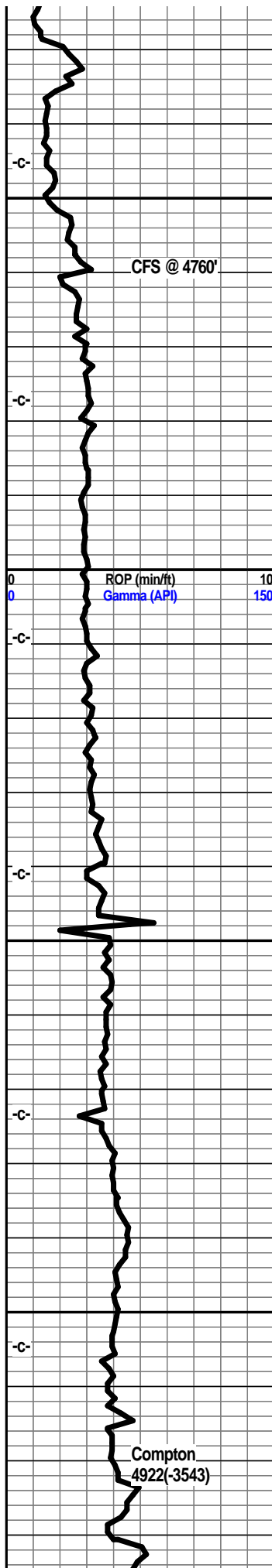
Shale, dark grey.

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.

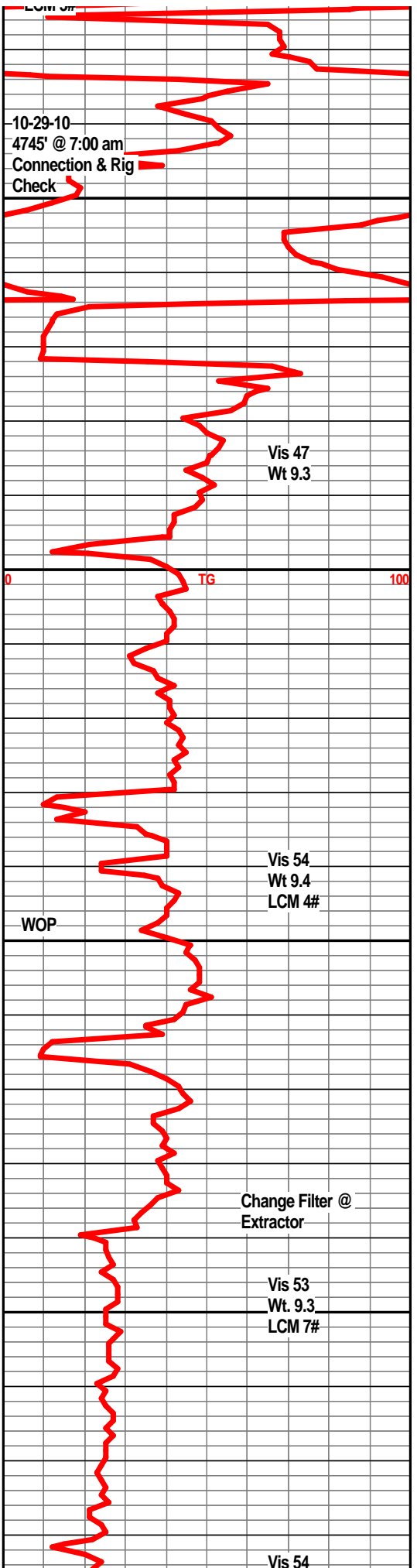
Dolo., grey, silty, fn grained, traces of chert, some dk grey shales.

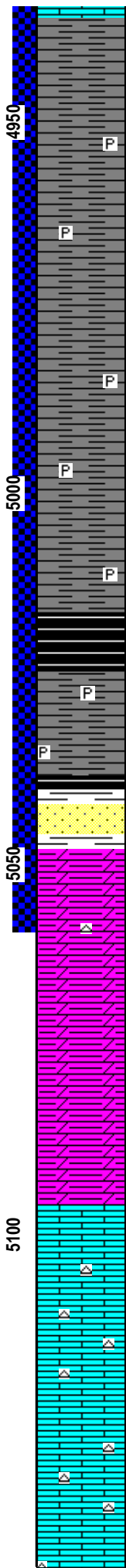
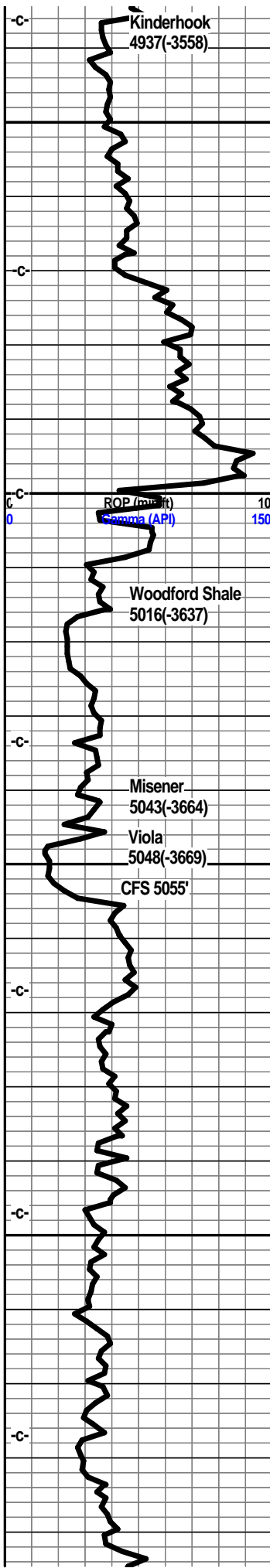
Dolo., lt grey to grey, xln, silty, fn grained, cherty in part, shaley.

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 strn, 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.

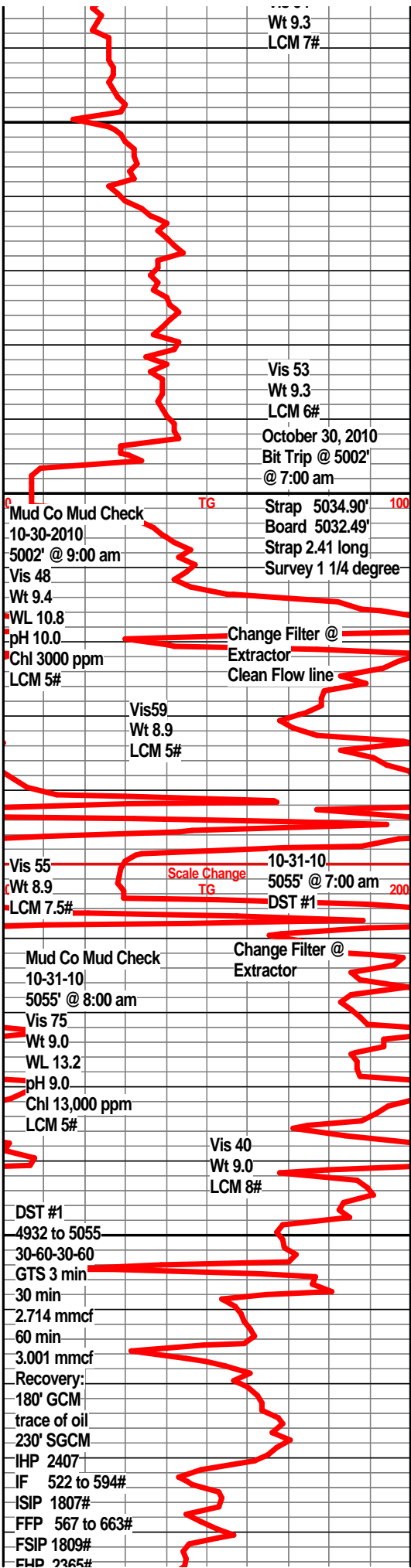
Dolo, lt grey to grey, fn grained, silty, soft, shaley, traces of soft chalky ls.

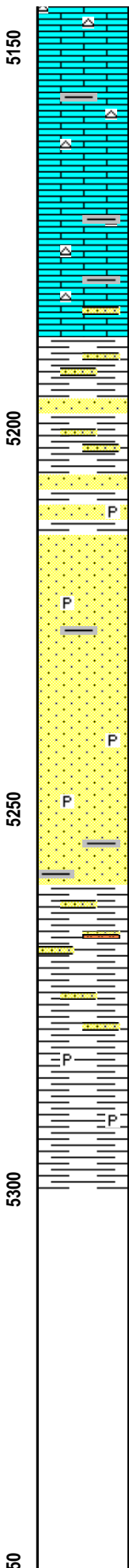
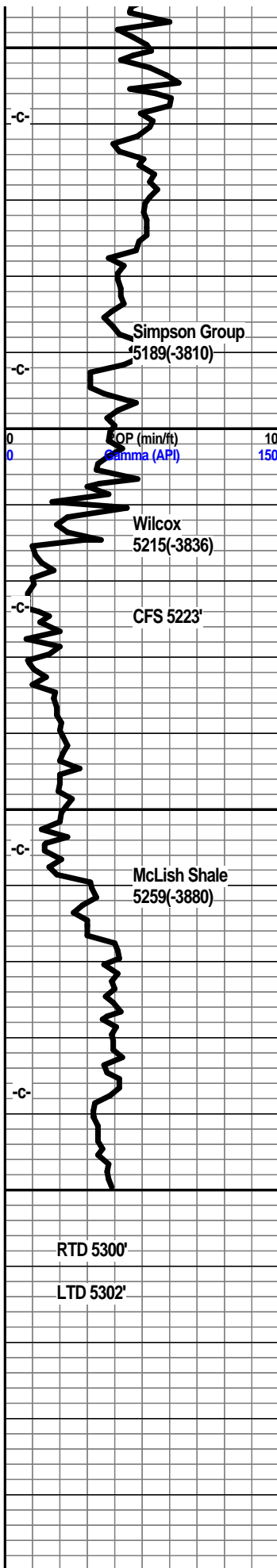
Ls, tan-white, fnxln, dense, sl foss, dolo in part.

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, fnxln, 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.

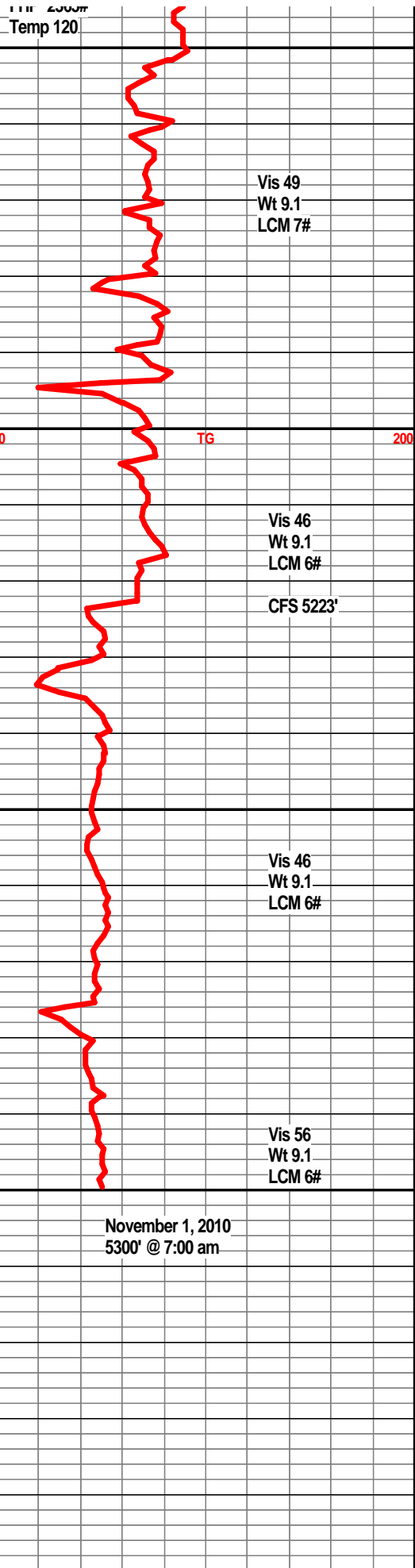
Sst, tan, clear, sa to sr, poorly sorted, friable on part, some well cemented, glauc., pyrite, shaley in part.

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.



November 1, 2010
5300' @ 7:00 am

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