

WELL COMPLETION FORM
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 # 5822
 Name: Val Energy, Inc.
 Wellsite Geologist: Scott Alberg
 Purchaser: AMERICAN PIPELINE / PLAINS MARKETING

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

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

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

<u>07/01/2010</u>	<u>07/11/2010</u>	<u>09/13/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23561-00-00
 Spot Description: _____
S2 NW NW NW Sec. 34 Twp. 34 S. R. 11 East West
400 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: MOTT A Well #: 1
 Field Name: _____
 Producing Formation: MISSISSIPPIAN
 Elevation: Ground: 1355 Kelly Bushing: 1367
 Total Depth: 5346 Plug Back Total Depth: 5091
 Amount of Surface Pipe Set and Cemented at: 214 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: 25000 ppm Fluid volume: 1800 bbls
 Dewatering method used: Hauled to Disposal
 Location of fluid disposal if hauled offsite:
 Operator Name: WOOLSEY OPERATING COMPANY LLC
 Lease Name: SWARTZ 2 SWD License #: 33168
 Quarter NE Sec. 1 Twp. 34 S. R. 11 East West
 County: BARBER Permit #: D-30567

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: 10/29/2010
 Confidential Release Date: 10/28/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 11/02/2010

1046218

Operator Name: Woolsey Operating Company, LLC Lease Name: MOTT A Well #: 1

Sec. 34 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: Log Compensated Density Neutron PE Dual Induction Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>CHASE</td> <td>1817</td> <td>-450</td> </tr> <tr> <td>HEEBNER</td> <td>3689</td> <td>-2322</td> </tr> <tr> <td>DOUGLAS</td> <td>3726</td> <td>-2359</td> </tr> <tr> <td>HERTHA</td> <td>4451</td> <td>-3084</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4698</td> <td>-3331</td> </tr> <tr> <td>VIOLA</td> <td>5014</td> <td>-3647</td> </tr> <tr> <td>SIMPSON</td> <td>5147</td> <td>-3780</td> </tr> </tbody> </table>	Name	Top	Datum	CHASE	1817	-450	HEEBNER	3689	-2322	DOUGLAS	3726	-2359	HERTHA	4451	-3084	MISSISSIPPIAN	4698	-3331	VIOLA	5014	-3647	SIMPSON	5147	-3780
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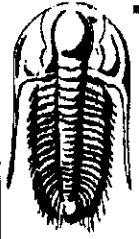
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	14.75	10.75	32	220	CLASS A		2% gel, 3% cc
PRODUCTION	7.785	4.5	11	5154	POZMIX	50	4% gel, 1/4# Celoflake
					CLASS H	175	10% salt, 10% Gypseal, 6# Kolseal, 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
4	4700-4708, 4711-4750	367,700 gal treated 2% KCl water, 133,500# 30/70 sand,	4700-4776 OA
2	4754-4776	25,000# 16/30 sand & 12,000# 16/30 resin coated sand	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4831</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Co.LLC

Mott A#1

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

34-34s-11w Barber Ks

Job Ticket: 039233

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.07.09 @ 03:29:36

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:23:06

Time Test Ended: 12:12:06

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 4604.00 ft (KB) To 4740.00 ft (KB) (TVD)

Reference Elevations: 1367.00 ft (KB)

Total Depth: 4740.00 ft (KB) (TVD)

1357.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 114.33 psig @ 4605.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.09

End Date:

2010.07.09

Last Calib.:

2010.07.09

Start Time: 03:29:41

End Time:

12:12:06

Time On Btm: 2010.07.09 @ 05:21:51

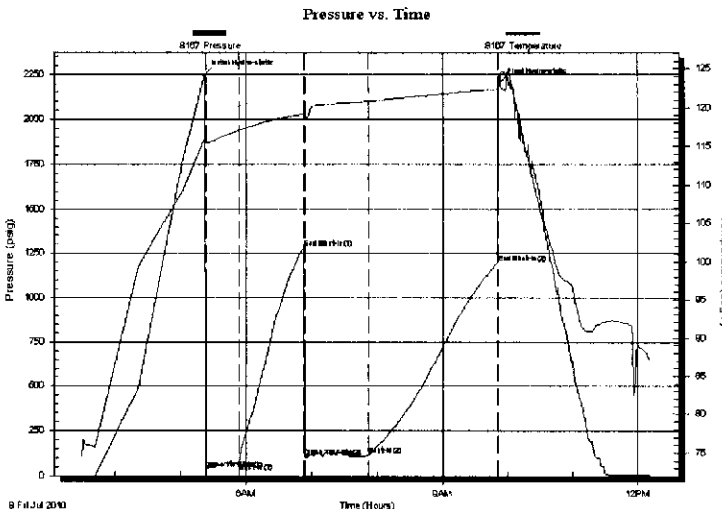
Time Off Btm: 2010.07.09 @ 09:52:21

TEST COMMENT: IF:Strong blow . B.O.B. in 7 mins.

IS:No blow .

FF:Strong blow . B.O.B. in 6 - 10 secs.

FSI:Weak blow . 1/4". Dead in 30 mins.



PRESSURE SUMMARY

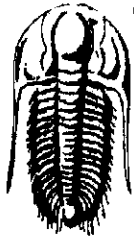
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.87	116.06	Initial Hydro-static
2	38.34	115.56	Open To Flow (1)
32	73.63	117.14	Shut-in(1)
91	1280.17	119.21	End Shut-In(1)
92	104.09	118.90	Open To Flow (2)
150	114.33	120.85	Shut-in(2)
269	1196.41	122.38	End Shut-In(2)
271	2201.64	124.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 3%o 97%m	0.30
165.00	Mud w / few o specs	1.25
0.00	1070 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC

Mott A#1

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

34-34s-11w Barber Ks

Job Ticket: 039233

DST#: 1

ATTN: Scott Alberg

Test Start: 2010.07.09 @ 03:29:36

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:

4000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	SOCM 3%o 97% _m	0.295
165.00	Mud w / few o specs	1.249
0.00	1070 ft.of GIP	0.000

Total Length: 225.00 ft

Total Volume: 1.544 bbf

Num Fluid Samples: 0

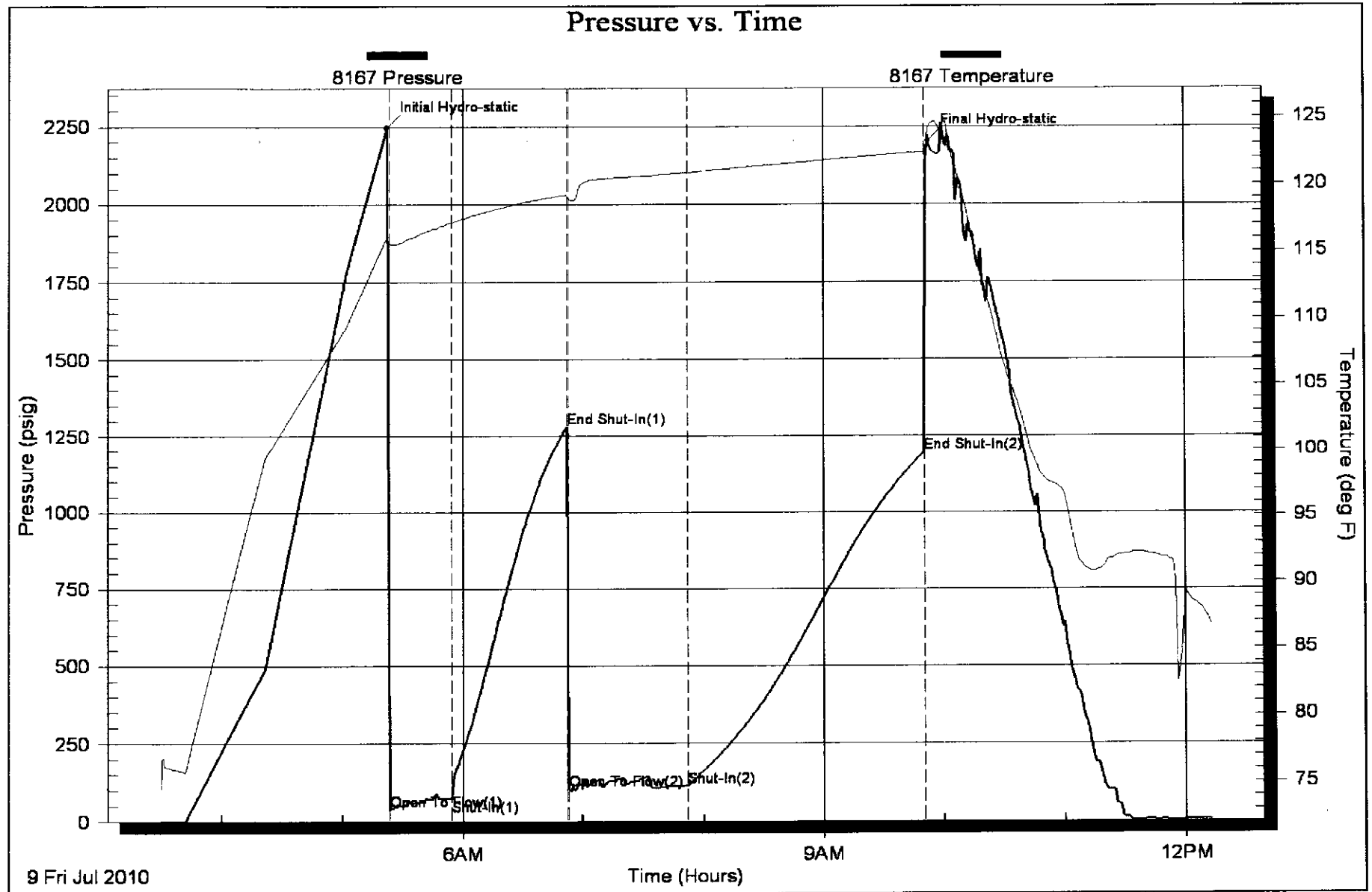
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM 5 - 6#/bbf



ALLIED CEMENTING CO., LLC. 043119

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

AUG 09 2010

SERVICE POINT:
Medicine Lodge

DATE 7-2-2010	SEC 34	TWP 34	RANGE 11	CALLED OUT 11:00 P.M.	ON LOCATION 12:00 AM	JOB START 3:00 AM	JOB FINISH 3:30 AM
LEASE Mott	WELL # A#1	LOCATION 28/ South of Medicine			COUNTY Barber	STATE KS	
OLD OR (NEW) Circle one			TO Rattlesnake Rd, 3E 1/4 S E 1/4 T2				

CONTRACTOR Val #3 OWNER Woolsey

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225 FT

CASING SIZE 10 3/4 DEPTH 222 FT

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 225 FT

TOOL _____ DEPTH _____

PRES. MAX 150 PST MINIMUM _____

MEAS. LINE _____ SHOE JOINT 20 FT

CEMENT LEFT IN CSG. 20 FT

PERFS. _____

DISPLACEMENT Fresh Water 20 BBLS

CEMENT

AMOUNT ORDERED 240 SX C class A + 3% gel + 2% gel

TOP OUT WITH 75 SX 60:40:30-2

COMMON	<u>285 SX</u>	@ <u>15.45</u>	<u>4,403.25</u>
POZMIX	<u>30 SX</u>	@ <u>8.00</u>	<u>240.00</u>
GEL	<u>6 SX</u>	@ <u>20.80</u>	<u>124.80</u>
CHLORIDE	<u>10 SX</u>	@ <u>58.20</u>	<u>582.00</u>
ASC	_____	@ _____	_____
HANDLING	<u>315 SX</u>	@ <u>2.40</u>	<u>756.00</u>
MILEAGE	<u>315 SX X 18 X .10 =</u>	_____	<u>567.00</u>
TOTAL			<u>6,673.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER David West

360/265 HELPER Matt T.

BULK TRUCK

356-251 DRIVER Ron G.

BULK TRUCK

_____ DRIVER _____

WELL FILE

REMARKS: Regulatory Correspondence
OIG / Comp Workovers
Tests / Meters Operations

Pipe on Bottom would not
C.M. Mix 240 SX A + 3% gel + 2% gel
Displace with 20 BBLS shot
in cement did not pipe
TOP OUT WITH 75 SX 60:40:30-2
+ 2% gel wash up Rig Down.

SERVICE

DEPTH OF JOB	<u>222 FT</u>	_____	_____
PUMP TRUCK CHARGE	_____	@ <u>1018.00</u>	_____
EXTRA FOOTAGE	_____	@ _____	_____
MILEAGE	<u>18</u>	@ <u>7.00</u>	<u>126.00</u>
MANIFOLD	_____	@ _____	_____
TOTAL			<u>1144.00</u>

CHARGE TO: Woolsey Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-BASKET	@ <u>266.00</u>	<u>266.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 043122

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

DATE: AUG 09 2015 SERVICE POINT: Medicine Lodge, KS

DATE 7-12-2015	SEC. 34	TWP. 34S	RANGE 11W	CALLED OUT 6:00 AM	ON LOCATION 9:00 AM	JOB START 1:15 PM	JOB FINISH 2:15 PM
LEASE <u>Matt</u>	WELL # <u>A-31</u>	LOCATION <u>281st Rattle S</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Val #3

TYPE OF JOB Production

HOLE SIZE <u>7 7/8</u>	T.D. <u>5346</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>5154</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>5346</u>
TOOL	DEPTH
PRES. MAX <u>700 PSI</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.52</u>
CEMENT LEFT IN CSG. <u>42.52 FT</u>	
PERFS.	
DISPLACEMENT <u>Kel Water 79 BBLs</u>	

EQUIPMENT

OWNER Woolsey

CEMENT

AMOUNT ORDERED	<u>175 SX H+10% GYP Seal</u>		
	<u>10% salt 6" Kel-seal .8% Fl-160 1/4" Flo-seal</u>		
	<u>85 SX 60:40:4% gel 1/4" Flo-seal</u>		
	<u>8 gal KCl</u>		
COMMON	<u>51 SX</u>	@ <u>15.45</u>	<u>787.95</u>
POZMIX	<u>34 SX</u>	@ <u>8.00</u>	<u>272.00</u>
GEL	<u>3 SX</u>	@ <u>20.80</u>	<u>62.40</u>
CHLORIDE		@	
ASC		@	
Class H	<u>175 SX</u>	@ <u>16.25</u>	<u>2921.25</u>
GYP-seal	<u>17 SX</u>	@ <u>29.20</u>	<u>496.40</u>
salt	<u>19</u>	@ <u>12.00</u>	<u>228.00</u>
Kel-seal	<u>1050 #</u>	@ <u>1.89</u>	<u>934.50</u>
Fl-160	<u>131 #</u>	@ <u>13.25</u>	<u>1748.25</u>
Flo-seal	<u>44 #</u>	@ <u>2.50</u>	<u>110.00</u>
Kel	<u>8 gal</u>	@ <u>31.25</u>	<u>250.00</u>
HANDLING	<u>260 SX</u>	@ <u>2.40</u>	<u>624.00</u>
MILEAGE	<u>260 SX x 1.0 x 15 =</u>		<u>390.00</u>
			TOTAL <u>8,835.30</u>

PUMP TRUCK CEMENTER David W.

360-265 HELPER Matt T.

BULK TRUCK

381-290 DRIVER To B. B.

BULK TRUCK

DRIVER

WELL FILE

Regulatory Correspondence
Drg / Comp Workovers
Tests / Meters Operations

REMARKS:

Open Bottom Break C.P.L Plug
Rat + Mouse w/ Th 35 SX 60:40:4% gel
1/4" Flo-seal pump 50 SX 60:40:4% gel
1/4" Flo-seal Down Hole w/ Th 175 SX
H 10% GYP 10% salt 6" Kel-seal .8% Fl-160 1/4"
Flo-seal Shut Down Release Plug Wash Ramp
d/line Displace w/ Th 2% Kel water slow Rate
Bump Plug Float Did Hold Wash up Rig Down.

SERVICE

DEPTH OF JOB	<u>5154 FT</u>		
PUMP TRUCK CHARGE			<u>2295.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>15</u>	@ <u>7.00</u>	<u>105.00</u>
MANIFOLD		@	
		@	
		@	

CHARGE TO: Woolsey

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2400.00

PLUG & FLOAT EQUIPMENT

1-AFU Float Shoe	@ <u>205.80</u>	<u>205.80</u>
1-latch Down Plug	@ <u>163.00</u>	<u>163.00</u>
11-Turbol. 2ers	@ <u>40.60</u>	<u>446.60</u>
24-Scratches	@ <u>23.94</u>	<u>574.56</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment



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

Well Name: Mott A #1

Location: S/2 NW NW NW

License Number: API 15-007-23561-00-00

Region: Barber Co., Ks

Spud Date: July 1, 2010

Drilling Completed: July 12, 2010

Surface Coordinates: 400' FNL & 330' FWL Section 34-TWP 34 S - RGN 11 W

Wildcat

Bottom Hole Coordinates: Vertical Hole

Ground Elevation (ft): 1357

K.B. Elevation (ft): 1367

Logged Interval (ft): 3600 To: 5346

Total Depth (ft): 5346

Formation: McLish Sand

Type of Drilling Fluid: Chemical, displaced 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 STE 1000

WICHITA, KANSAS 67202-1729

GEOLOGIST

Name: W. SCOTT ALBERG

Company: ALBERG PETROLEUM, LLC

Address: 609 MEADOWLARK LANE

PRATT, KANSAS 67124

FORMATION TOPS

LOG TOPS

HUSHPUCKNEY SHALE	4434 (-3067)
B/KC	4484(-3117)
PAWNEE	4585 (-3218)
CHEROKEE GROUP	4633(-3266)
MISSISSIPPIAN	4698(-3331)
COWLEY C2A	4710(-3343)
COMPTON LIMESTONE	4953(-3586)
KINDERHOOK SHALE	4962(-3595)
MAQUOKETA	5014(-3647)
VIOLA	5056(-3689)
SIMPSON GROUP	5147(-3780)
SIMPSON WILCOX	5162(-3795)
MCLISH SHALE	5226(-3859)
MCLISH SANDSTONE	5310(-3943)

Comments

Surface Casing: Ran 5 joints 10 3/4" x24# LS new, set at 220', tally 212' with 125 sxs on bottom, 1" with 115 sxs at 90', cement up but fell, 75 sxs to surface in cellar. Cement was Class A, 2% gel, 3% cc.

Production Casing: Set 4 1/2" x 10.5#

Deviation Surveys: 1 @ 220', 3/4 @ 4740', 1 @ 5346'

Pipe Strap: Strap 4528.48, Board 4527.23, Strap 1.18' long

Contractor Bit Record:

#1 14 3/4" FRD RR in at 0', out at 220', 2 hrs

#2 7 7/8" PDC, in at 220, out 4500', 53 1/4 hrs

#3 7 7/8" JZ, RR, in at 4500', out at 5246', 50 1/2 hrs

Gas Detector: Woolsey Operating Company, Gas Trailer #1

Mud System: Mud Co, Brad Bortz, engineer

DSTs: Trilobite Testing, Inc; Gary Pevoteaux, Tester

OH Logs: Superior Services, Dual Induction w/ SP, CNL-CDL w PE, GR, Caliper, Sonic.

DSTs

DST #1 Mississippian, 4604' to 4740', 30"-60'-60"-120", SB BOB in 7 Minutes, Recovered 1070' GIP, 165' Mud w/ few oil specks, 60' SOCM (3% oil, 97% mud). IHP 2246, FHP 2202, IFP 38-74, FFP 104-114, FSIP 1196, BHT 122 degrees.

Rig & Crews

VAL Drilling Rig #3

Crews: Greg Davidison -Pusher

Josh Holloway -Driller

Mike Cavender - Driller

Daniel Olson - Driller

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht

- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta

- Mrst
- Salt
- Shale
- Shcol

- Shgy
- Sltst
- Ss
- Till

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau

- Gyp
- Hvymn
- 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

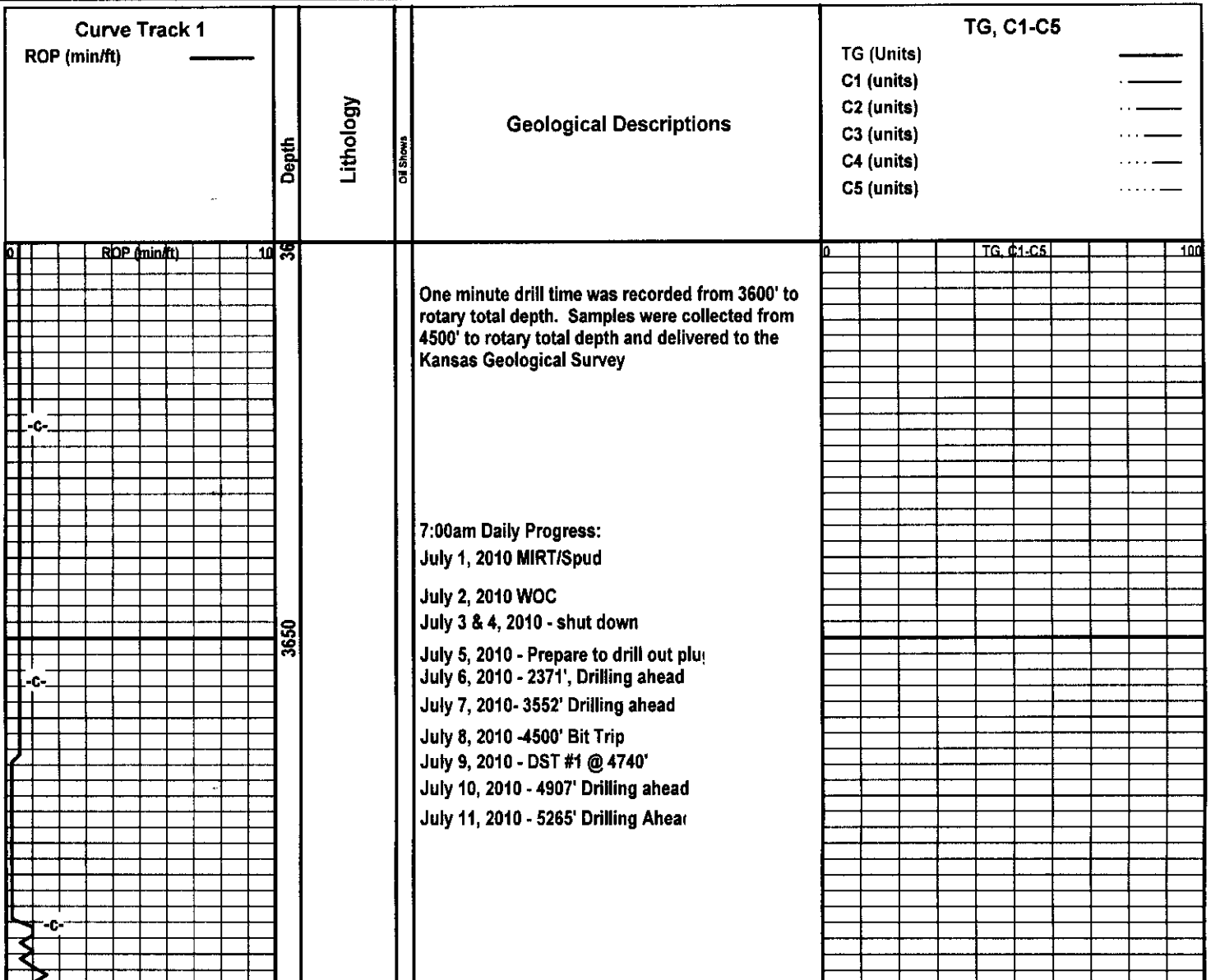
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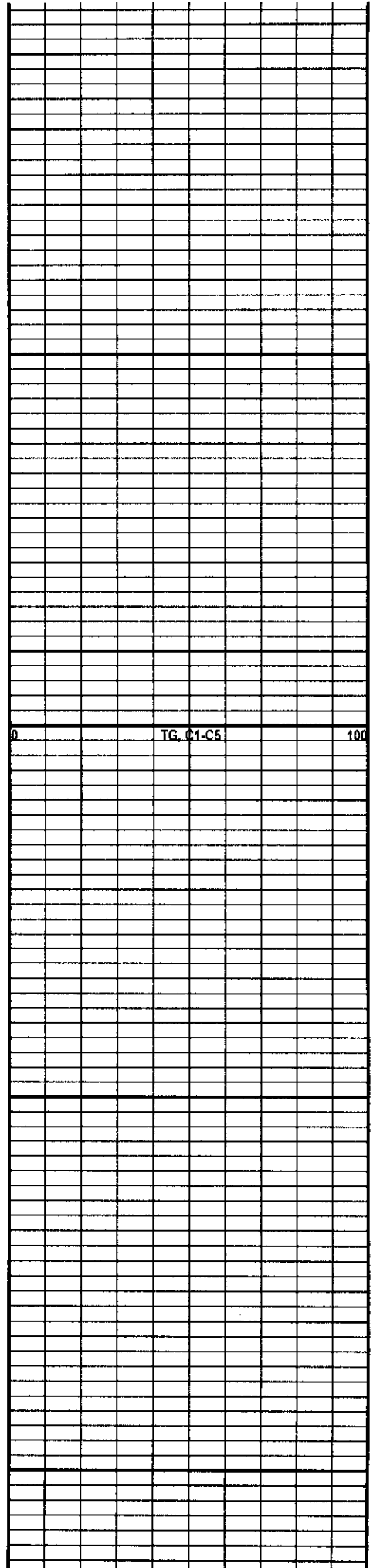
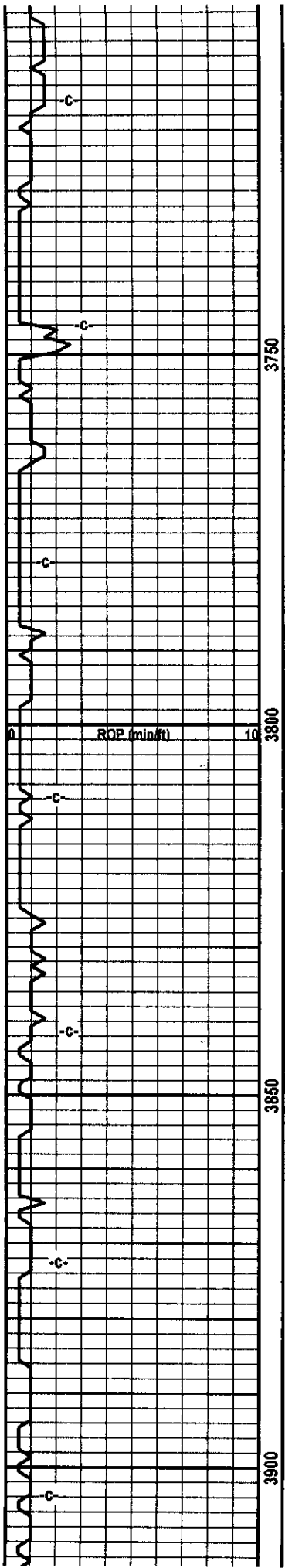
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst

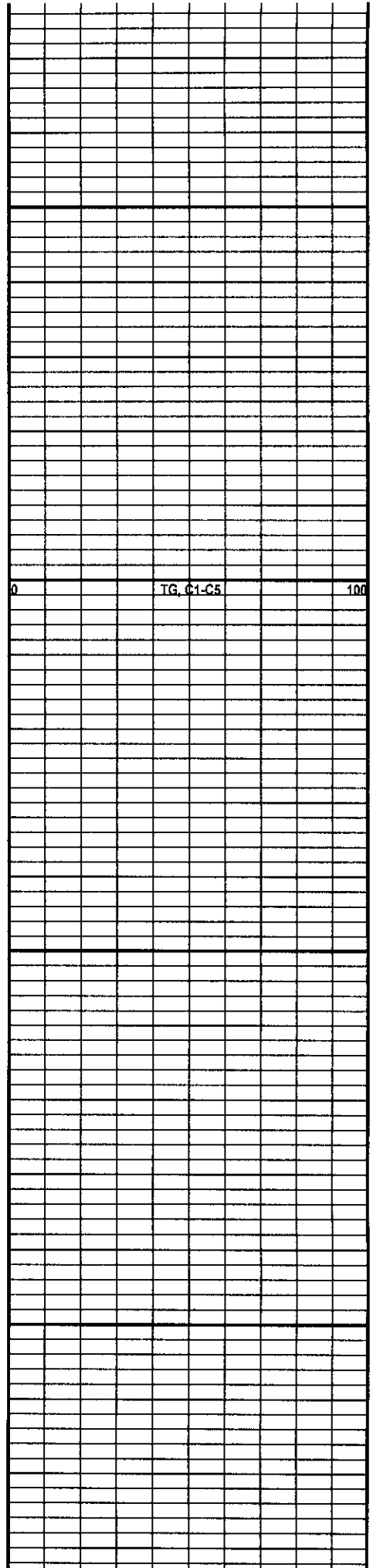
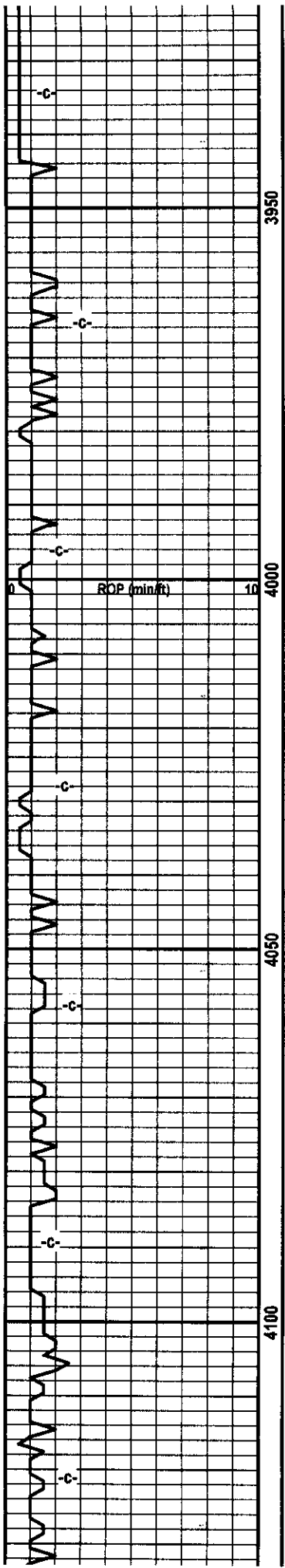
- Sltstrg
- Ssstrg

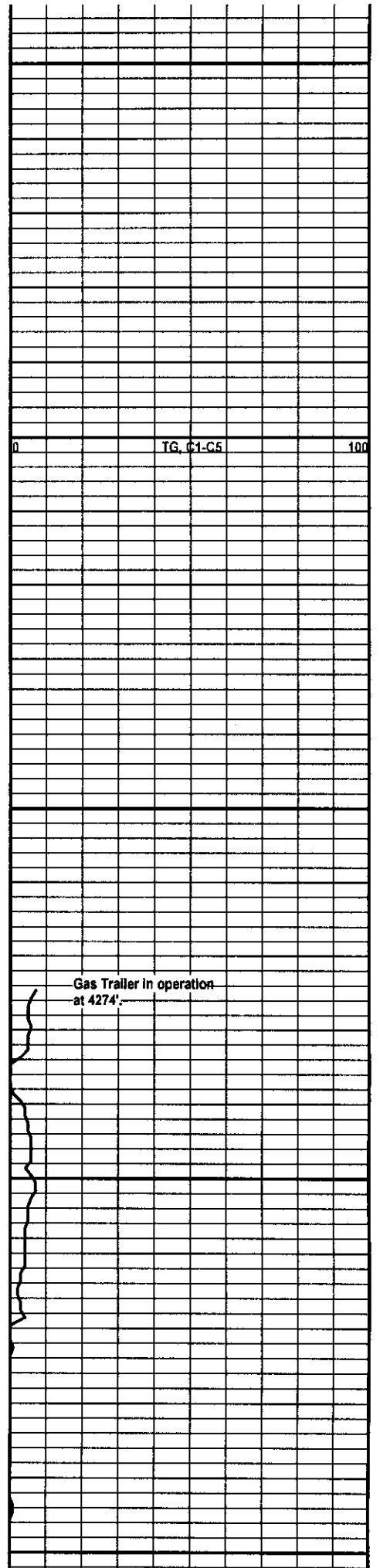
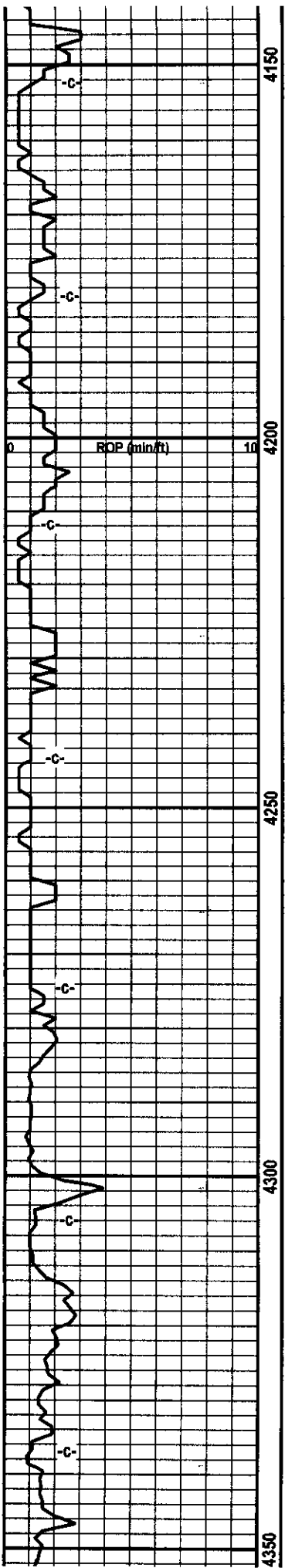
TEXTURE

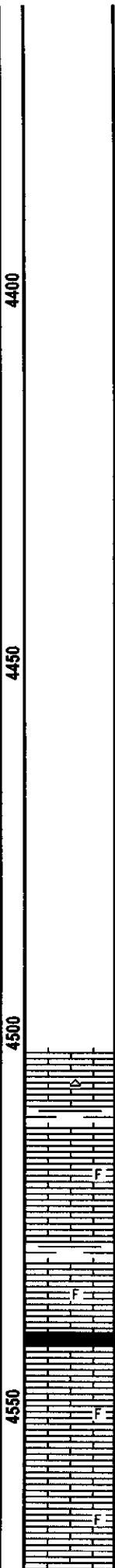
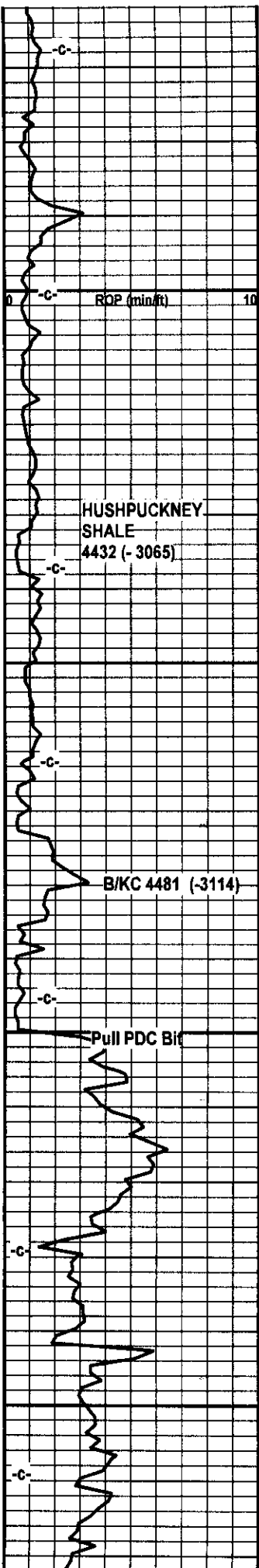
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxin
- Mudst
- Packst
- Wackest











Ls, cream-tan fxln, dense, blocky, trace of tan chert

Shale, grey, dark grey

Ls, cream, tan-white, fxln, dense, slightly foss.

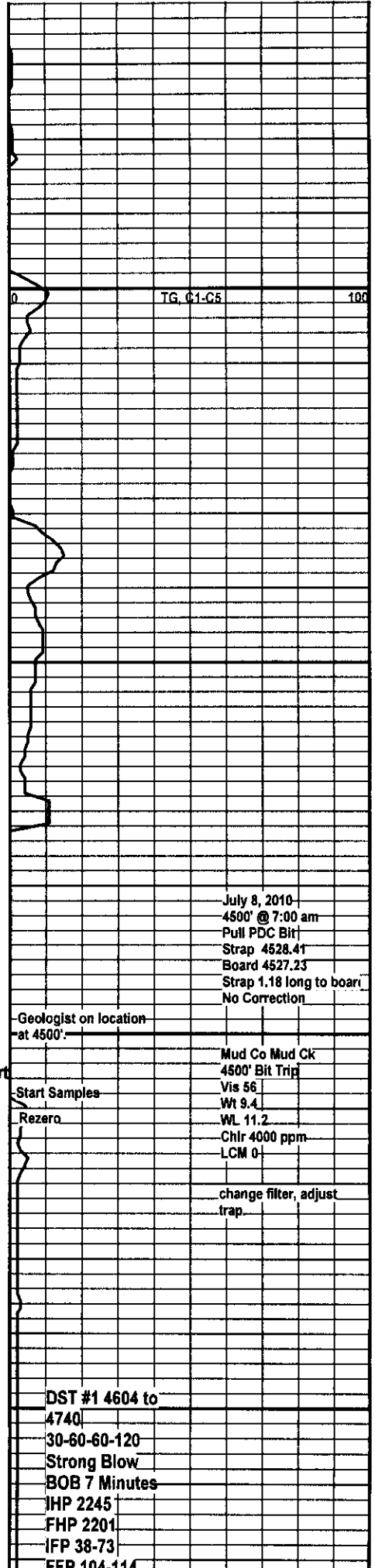
Shale, grey, dark green.

Ls, cream-white, fxln, dense, slightly chalky, foss.

Shale, grey-black, slightly carb.

Ls, tan-white, fxln, dense, slightly foss

Ls, tan, cream, fxln, slight chalky, trace foss. ool.

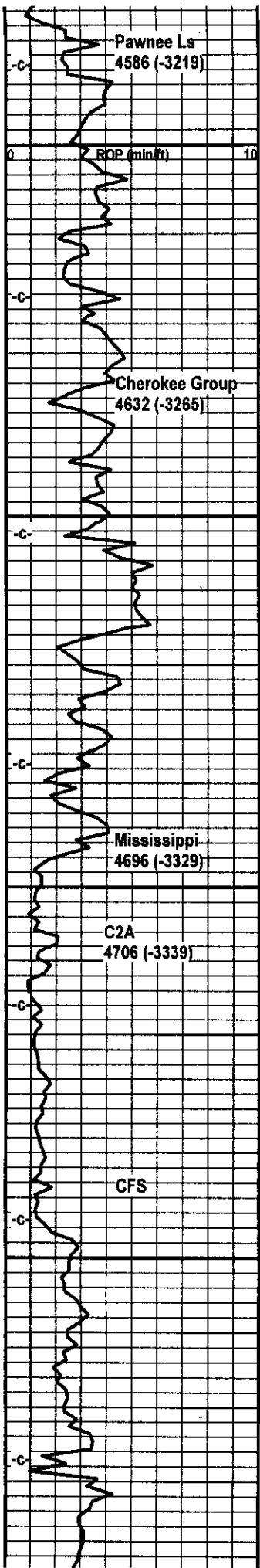


July 8, 2010
 4500' @ 7:00 am
 Pull PDC Bit
 Strap 4528.41
 Board 4527.23
 Strap 1.18 long to boari
 No Correction

Geologist on location
 at 4500'.

Mud Co Mud Ck
 4500' Bit Trip
 Vis 56
 Wt 9.4
 Rezero WL 11.2
 Chlr 4000 ppm
 LCM 0
 change filter, adjust trap.

DST #1 4604 to
 4740
 30-60-60-120
 Strong Blow
 BOB 7 Minutes
 JHP 2245
 FHP 2201
 IFP 38-73
 FFP 104-114



Shale, grey-black, carb, abundant ga:

Ls, cream, tan, fxln, dense, trace of pin point porosity, no visible shows, no odor, dull min. fluor.

Ls, tan, tan-brown, fxln, dense, slightly foss

Shale, grey, dark grey-black.

Ls, tan, cream-tan, fxln, dense, slightly foss., trace tan chert.

Shale, grey-black, carb., gassy

Ls, cream-white to tan-white, fxln, dense, slightly foss., trace of chalky ls

Shale, light grey, silty to sandy.

Ls, tan-white, fxln, dense, slightly sandy in part, trace of foss.

Ls, as above white-cream chert with some calcite inclusions.

Shale, grey-black, carb.

Ls, cream-white, fxln, dense, chalky in part.

Shale, green, traces of pale green cher

Ls, cream, tan-white, fxln, traces of tan chert.

Shale, light grey to green.

Ls, tan to cream-white, fxln, traces of smokey white chert, dull fluor. no odor. Abundant shales

Chert, white to off-white, fresh, sharp with slight edge staining, slightly weathered grading to weathered, tripolitic, few scattered small vugs, mostly pin point type porosity, good light brown scattered staining, fair odor, dull milky fluor in part, scattered show of light brown oil, some free oil on tray.

Chert, white to tan-white, milky, sharp, some edge staining, weathered with pin point porosity, fair odor, fair brown staining, chert grading fresh with depth. Some green grey shales present.

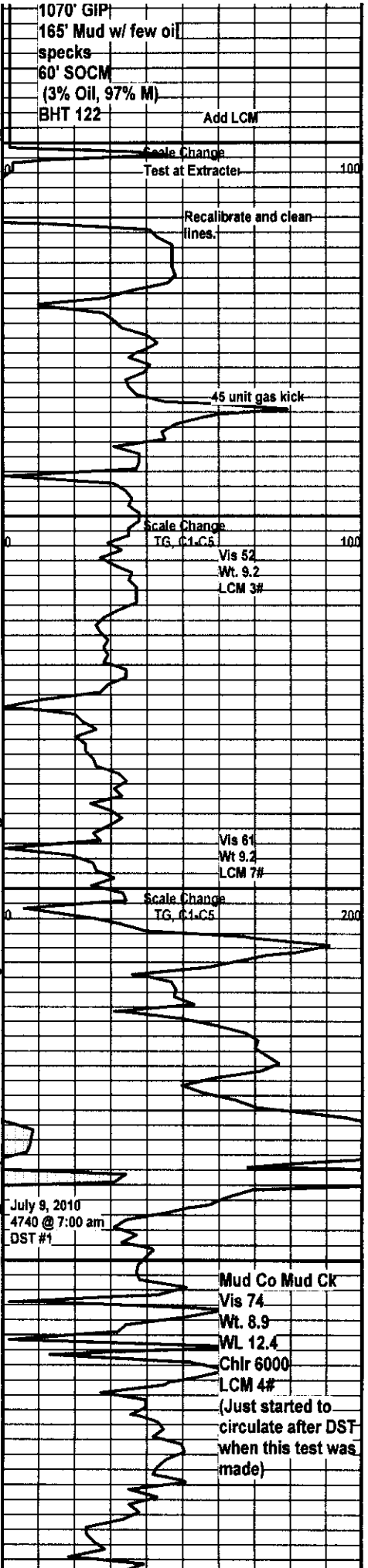
Chert, white to milky white, sharp to weathered, fair spotted staining along edges with pin point porosity, slight show of medium brown oil, dull min fluor, slight odor.

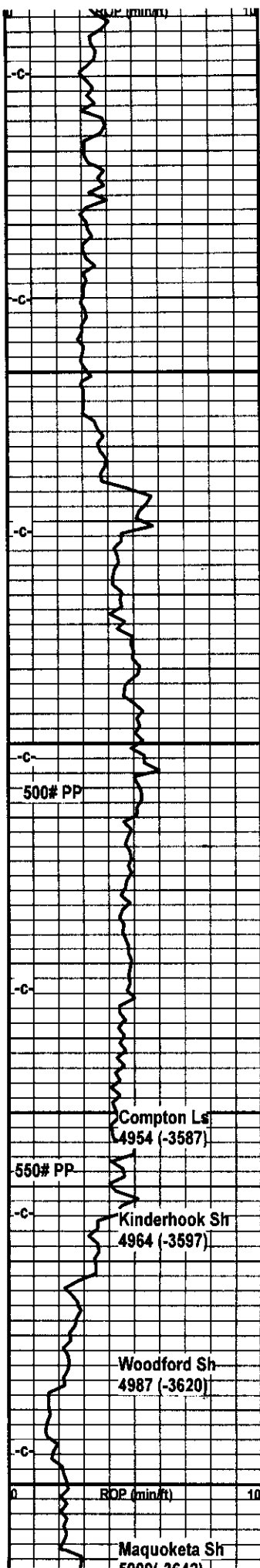
Ls., tan-white, fxln, dense, abundant milky white with chert, slight staining on chert edge.

Ls, tan-white, fxln, dense, slightly dolomitic, abundant white to off-white cherts, very slight staining.

Chert, white to milky white, sharp, fresh, very light spotted stain, no odor.

Dolomite, tan, grey-white, xln, dense, slightly cherty, glau., some vari-colored shales present.





some white cherts with inbedded pyrite, abundant dark grey shales, arg, silty texture

Dolomite, grey to dark grey, fn grained, silty hd shale, arg.

Dolomite, grey to light grey, v fn grained, silty, shaley, hard.

Dolomite, grey to light grey, silty, fn grained, traces of translucent chert, hd blk shale.

Dolomite, grey to light grey, fn grained, traces of varicolored shale, hd blk.

Dolomite, grey to lt. grey, fn grainular texture, silty.

Dolomite, grey to dk grey, fn grained, silty, blk grey shale, traces of crm ls.

Shale, grey to dk grey, fn grained, silty, some dolo streaks, traces of cream ls.

Shale, grey to dk grey, fn grained, silty, some blk firm, straks of dolomite, traces of crm-bwn ls.

Ls, crm-tan, some tan-brwn, fxln, dense, traces of milky white chert.

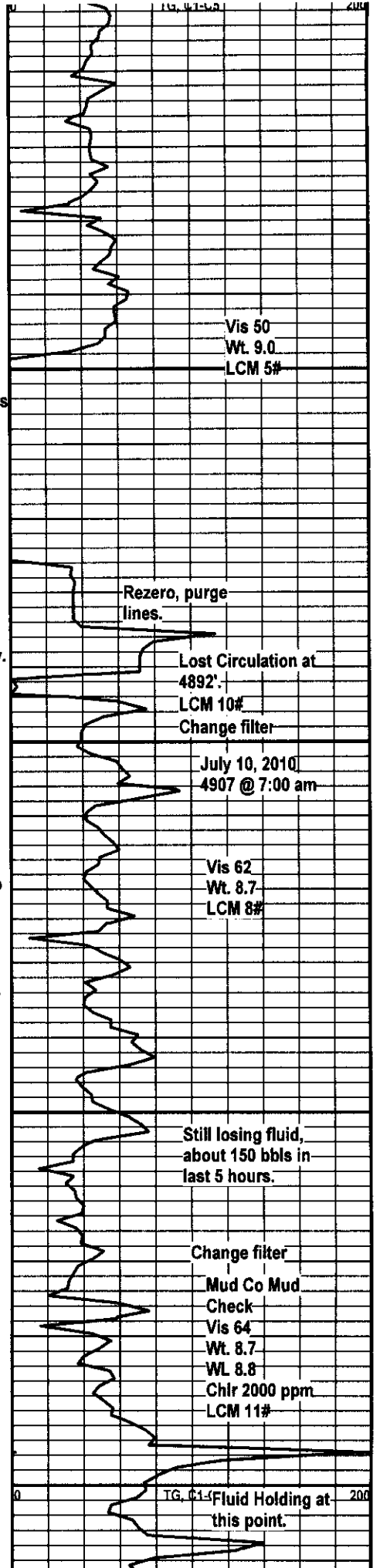
Shale grey, firm, sily, trace pyrite, traces of white chert

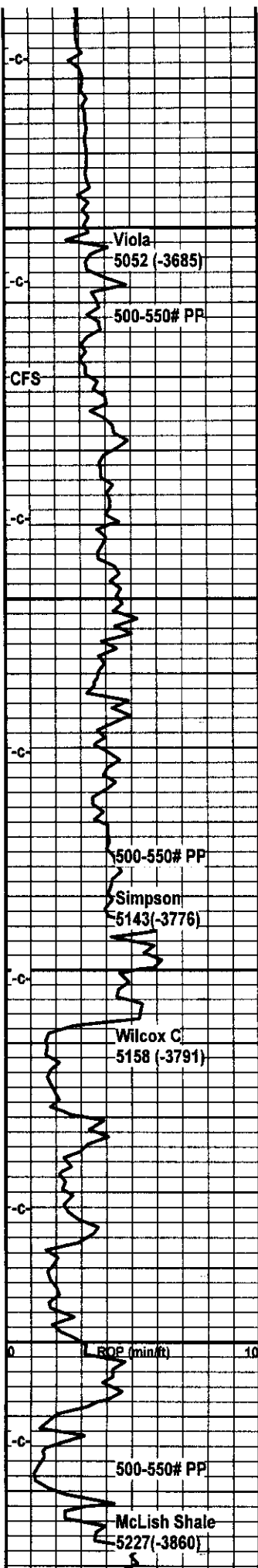
Shale, grey to dark grey.

Shale, dark grey-black, carb, show of gas bubbles bleeding.

Shale, dark grey-black, coffee colored.

Shale, grey-black, carb.





some scattered ls fragments.

Shale, lt grey, soft, some bwn shales, slightly dolo., scattered ls., scattered cherts w/ some edge staining. slightly prytic.

Ls, white to cream white, some tan, fxln, chalky, traces of trans to milky white chert with some staining. poor pin point porosity, no odor, no visible shows of oil, dull scattered min fluor.

Ls, white to tan-white, fxln, dense, slightly chalky, traces of tan and off-white cherts, some with light staining on edges, no visible show oil, no odor, dull min fluor.

Ls, tan-white, fxln, dense, slightly chalky in part, traces of tan sharp cherts, no odor, no visible shows

Ls, tan-white, fnxln, dense, tan cherts, slightly dolo.

Ls, tan-white, fxln, trace chalky ls, tan cherts, sharp no visible shows, no odor, slightly dolomitic.

Ls, tan, dolo, fnxln, granular, dense, tan cherts.

Ls, tan, grey, dolo, fxln, cherty, some grey-green shales, traces of pryte.

Shale, dk grey to green, traces of pryte, some scattered sand clusters, dirty grey, coarse grained, dolomitic, dense

SST, clear to dirty grey, fn to med grained, SA to SR, friable in part, tightly cemented in part, dolomitic in part, some scattered shale lenses, small shale flakes, few clusters dirty tight, one cluster had slight show of oil under uv light, no odor, some very slight scattered staining.

Shale, apple green, sandy, pyritic.

SST, clear to white, fn to med grained, shaley in part, scattered blk asphaltic flakes, semi-friable, no odor.

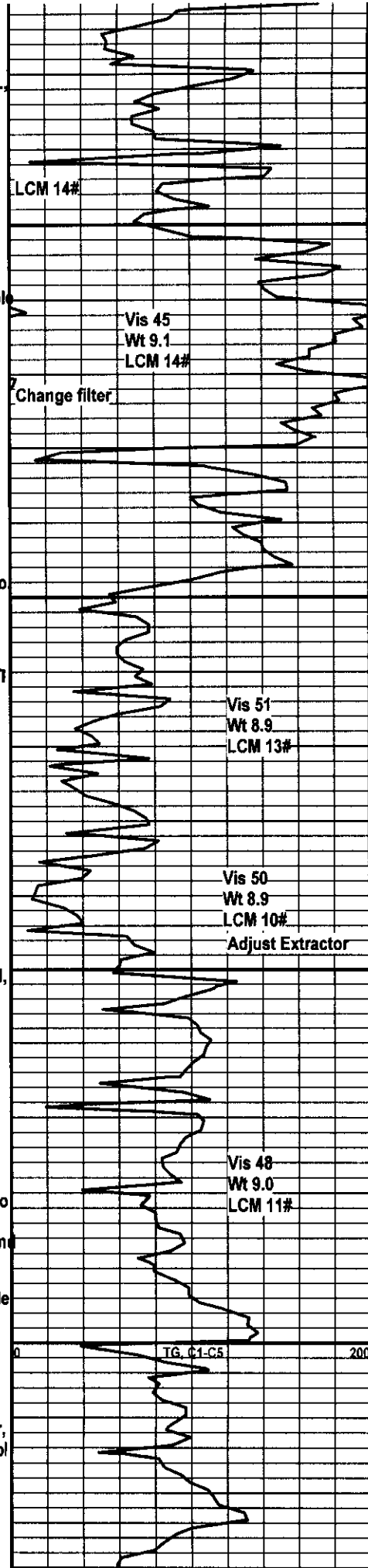
Shale, apple-green, waxey, scattered imbedded sand grains.

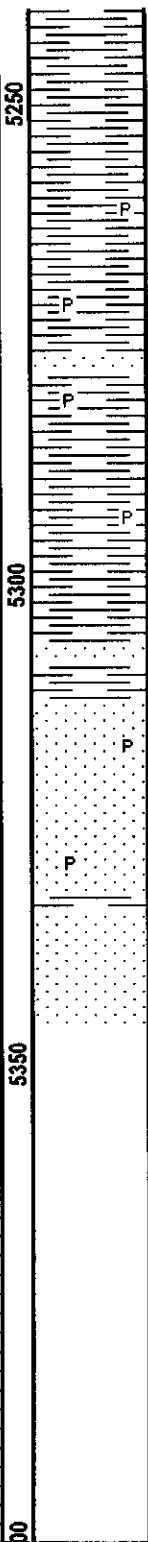
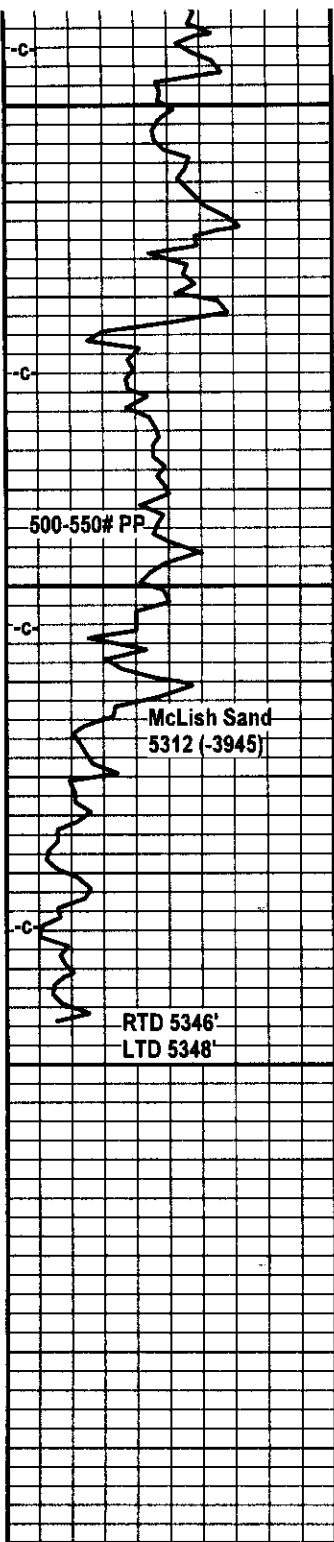
SST, white to clear, frosted, fn grained, semi friable no odor.

Shale, grenn to dark green, waxey, firm.

SST, clear to frosted, med grained, semi friable, sr, few blk asphaltic flakes, no fluor, no odor, no visible show.

Shale, dk green, firm, traces of pryte.





Shale, dk grey-green, firm, waxey

Shale, light to dark green, blocky to waxey, slightly pyritic.

SST, clear to white frosted grains, SA to SR, well cemented, friable in part, glauc in part

Shale, lt to dark green, blocky, firm, waxey.

Shale, green, pyritic, firm, waxey

SSt, clear to frosted, fn grained, tite, Gluac. no visible shows.

Shale, green, firm.

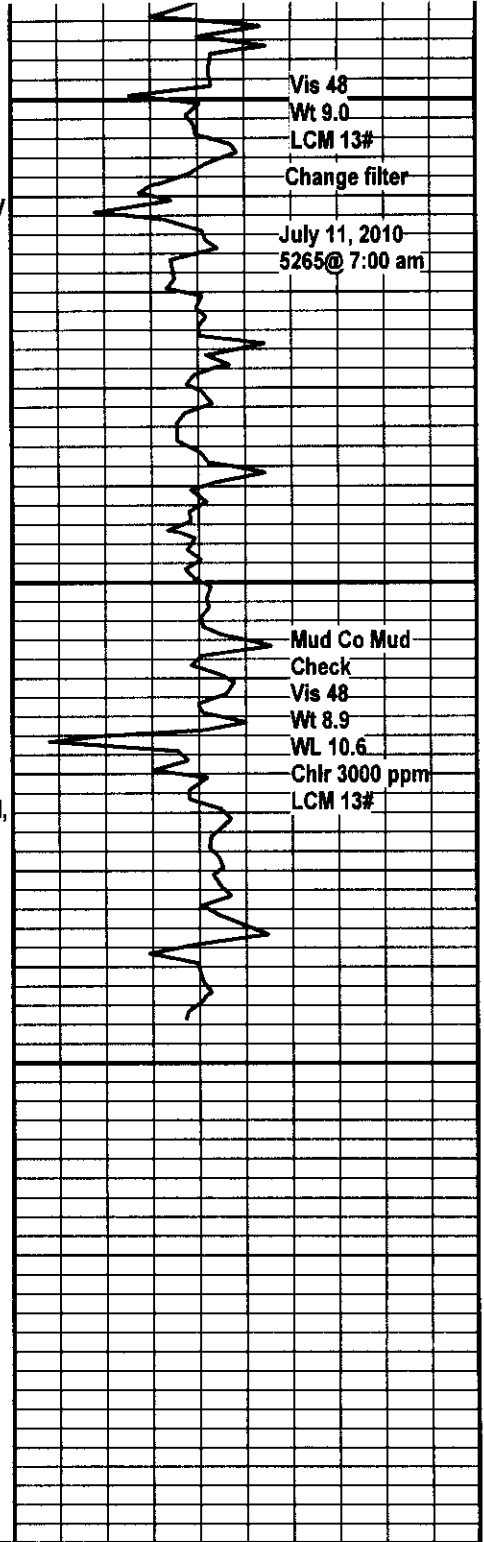
SST: clear to white frosted, fn grained, SR, fair cementing, partly friable, trace of pyrite, possible very light dirty bwn staining, no visible show of oil, no odor.

Shale, green, dk green.

SST, clear to white frosted fn grained sr, slightly dolomitic, fair cementing, no visible shows, no odor, trace of light staining.

Vis 48
Wt 9.0
LCM 13#
Change filter
July 11, 2010
5265@ 7:00 am

Mud Co Mud
Check
Vis 48
Wt 8.9
WL 10.6
Chlr 3000 ppm
LCM 13#





*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

October 29, 2010

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

Re: ACO1
API 15-007-23561-00-00
MOTT A 1
NW/4 Sec.34-34S-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

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>