



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1231040
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1231040

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	MTPRC 'A' #3-27
Doc ID	1231040

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	0	120	Grout	12	
Conductor	17.5	13.375	47	263	60/40 Pozmix	250	2%Gel, 3%CC, 1/4#/sx CF
Surface	12.25	8.625	24	652	A-Conn / Poxmix	350	2%Gel, 3%CC, 1/4#/sx CF
Production	7.875	4.5	10.5	5222	AA-2	175	McCoy Blend

MTPRC "A" #3-27
API#: 15-097-21803

ACO-1 Supplemental Information

SAMPLE TOPS

McCoy Petroleum Corp.
MTPRC 'A' #3-27
50' S of C N2 NE
710'FNL & 1320'FEL
Sec 27-30s-19w
KB: 2251'

	Depth	Datum
LaCompton B	4031	-1780
Queen Hill	4070	-1819
Heebner	4244	-1993
Toronto	4257	-2006
Douglas	4279	-2028
Brown Lime	4432	-2181
Lansing	4454	-2203
Lansing B	4475	-2224
Lansing F	4570	-2319
Lansing H	4624	-2373
Lansing J	4742	-2491
Stark	4784	-2533
Hushpuckney	4832	-2581
Marmaton	4920	-2669
Pawnee	4968	-2717
Cherokee	5008	-2757
Miss.	5079	-2828
Spergen Pors.	5113	-2862
Warsaw	5146	-2895
RTD	5225	-2974

LOG TOPS

McCoy Petroleum Corp.
MTPRC 'A' #3-27
50' S of C N2 NE
710'FNL & 1320'FEL
Sec 27-30s-19w
KB: 2251'

	Depth	Datum
LaCompton B	4029	-1778
Queen Hill	4067	-1816
Heebner	4242	-1991
Toronto	4255	-2004
Douglas	4278	-2027
Brown Lime	4430	-2179
Lansing	4452	-2201
Lansing B	4475	-2224
Lansing F	4569	-2318
Lansing H	4625	-2374
Lansing J	4741	-2490
Stark	4782	-2531
Hushpuckney	4830	-2579
Marmaton	4918	-2667
Pawnee	4966	-2715
Cherokee	5006	-2755
Miss.	5078	-2827
Spergen Pors.	5111	-2860
Warsaw	5151	-2900
LTD	5224	-2973



**Natural Gas • Crude Oil
Exploration & Production**

McCOY PETROLEUM CORPORATION

Wichita, Kansas

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

Well Name: MTPRC 'A' #3-27
Location: Sec. 27 - T30S - R19W, Kiowa County, KS
License Number: API # 15-097-21803-00-00
Spud Date: 08-14-2014
Surface Coordinates: 50'S of C N2 NE
710' FNL & 1320' FEL
Region: Alford South
Drilling Completed: 08-22-2014
Bottom Hole Coordinates:
Ground Elevation (ft): 2238' K.B. Elevation (ft): 2251'
Logged Interval (ft): 650' To: 5224' Total Depth (ft): 5225' RTD 5224' LTD
Formation: Mississippian
Type of Drilling Fluid: Chemical/Polymer/Gel

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: McCoy Petroleum Corporation, KCC License #5003
Address: 9342 E Central
Wichita, KS 67206

GEOLOGIST

Name: Zach Wiele
Company: McCoy Petroleum Corporation
Address: 9342 E. Central
Wichita, KS 67206

CASING & DEVIATION SURVEYS:

Spud at 11:00 pm on 08/14/14.

13-3/8" Casing String:

Drilled 17-1/2" hole to 263'. Ran 6 joints of 47# ; 13-3/8" surface casing. Tallied 243.75', set at 263.25' KB. Cut Texas shoe. Strapped bottom 3 joints. Tacked collars & pins. Cemented with 250 sks 60/40 POZ; 2% Gel; 3% CC; 1/4# CF. Cement did not circulate. Plug down at 5:50 am on 08/15/14. Basic Energy Svcs Cementing ticket #10717.

8-5/8" Casing String:

Drilled 12-1/4" hole to 652'. Ran 15 joints of new 23# 8-5/8" surface casing. Tallied 633'. Landed at 652' KB. Strapped guide shoe and bottom 3 joints, tacked collars on all, then welded collar on top 2 joints. Basket at 295'. Cemented with 175 sks ACON; 2% Gel, 3% CC, 1/4# CF & tailed with 175 sks: 60/40 POZ; 3% CC, 1/4# CF. Cement did circulate. Plug down at 1:45 am on 08/16/14. Basic Energy Svcs Cementing ticket #05923.

DRILL STEM TEST

DST # 1 5086'-5131' 5" - 60" - 90" - 120"

IF: Strong blow . B.O.B. in 30 secs. ISI: No blow .

FF: Strong blow .B.O.B. in 10 secs. G.T.S. in 40 mins. Gauged gas. See gas report. FSI: No blow .

Recovery:

60' GOWCM (6%g 1%o 1%w 92%m)

20' Drlg Mud (100%m w /trc o trc w)

IH: 2615.94# IF: 38.74 - 45.01# ISIP: 1238.7# FF: 34.03 - 55.33# FSIP: 897.8# FH: 2579.45# BHT: 121 deg

FF Gauge:

50" = 26.02mcf 60" = 26.81mcf 70" - 90" = 27.60mcf

DST #2 5131' - 5146'

5" - 60" - 60" - 60"

IF: Weak Surf Blow 1/4" ISI: No Blw FF: No Blw FSI: No Blw

Recovery:

10' Mud (100% m)

IH: 2644.53# FH: 2478.71# IF: 14.53 - 16.35# ISIP: 1359.48# FF: 17.62 - 25.38# FSIP: 948.32# BHT: 118 deg

ROCK TYPES

LITHOLOGY

	Char-grn sh
	Anhy
	Bent
	Brec
	Cht
	Clyst
	Coal
	Dol
	Gyp
	Igne
	Lmst
	Mrlst
	Salt
	Shale
	Shcol

	Shgy
	Slst
	Ss
	Congl
	Blk carb sh
	Green sh
	Brn sh
	Red sh
	Gray shale

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

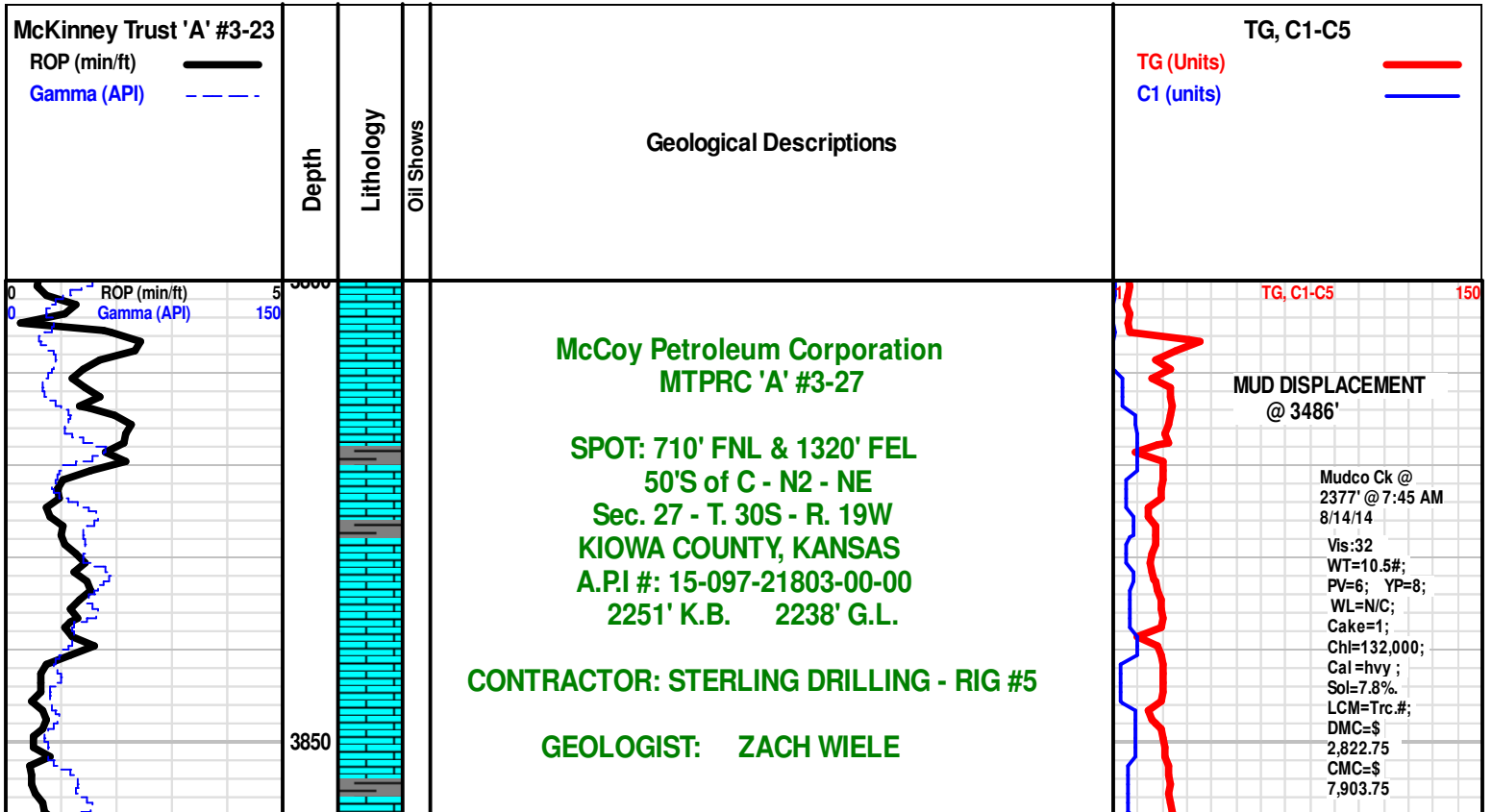
	Lithogr
	MicroIn
	Mudst
	Packst
	Wackst

OIL SHOW

	Even
	Spotted
	Ques
	Gas
	Dead

TEXTURE

	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst



Geologist on location @ 10:15 A.M. on 8/18/2014

Deviation Survey's Taken: @ 263' = 1/2 degree; @ 652' = 1/4 degree; @ 5131' = 1/4 degree

Note: Samples have been lagged to depth by calculated time.
Begin 30' Kelly Down Sample Examination @ 3930'

3900

Ls Wht-Crm-Lt Gry, Fn-Microxln micrite grad poor PP Inxln Por, foss, Sh Gry-Drk Gry-Grn, soft fiss silty, Pyr-Inclus, no odr, no flor, no stn, NS

W.O.B. = 16K
R.P.M. = 95+
S.P.M. = 67
P.S.I. = 1000
Vis: 47
WT: 8.8

3950

Ls Crm-Lt Gry, Fn-Microxln micrite grad poor-mod PP Inxln Por, foss, Sh Drk Gry-Red-Lt Grn, fiss soft, silty, no odr, no flor, no stn, NS

RR Work on Geolograph

Ls Gry-Tan-Crm, Fn-Microxln dns micrite grad to poor PP Inxln Por, foss-inclus, chlky w/sli Pyr-inclus, Sh Gry-Char-Grn, fiss silty, no odr, no flor, no stn, NS

Mudco Ck @
3982' @ 1:45 PM
8/19/14
Vis:52
WT=8.9#;
PV=18;
YP=16;
WL=8.8;
Cake=1;
Chl=6000;
Cal=40 ;
Sol=3.97%
LCM=Trc.#
DMC=\$
3,494.35
CMC=\$
11,398.10

4000

Sh Char-Gry-Grn-Brn, soft, silty w/Scat Pyr-inclus, Ls Lt Gry-Gry-Crm, Micro-Fxln dns micrite, poor Inxln por, Foss(crin), no odr, no flor, no stn, NS

ROP (min/ft)
Gamma (API)

Ls Gry-Crm-Wht, Fn-Microxln dns micrite, Foss-Inclus(crin), Sh Gry-Char, soft silty, no odr, no flor, no stn, NS

TG, C1-C5

LECOMPTON 'B' 4030' (-1779)

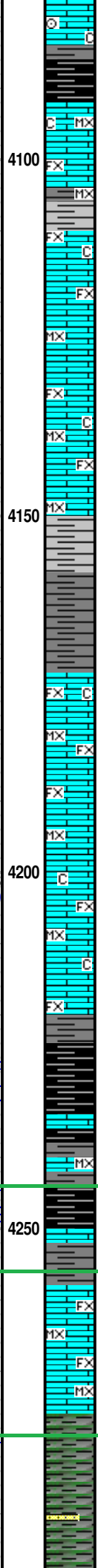
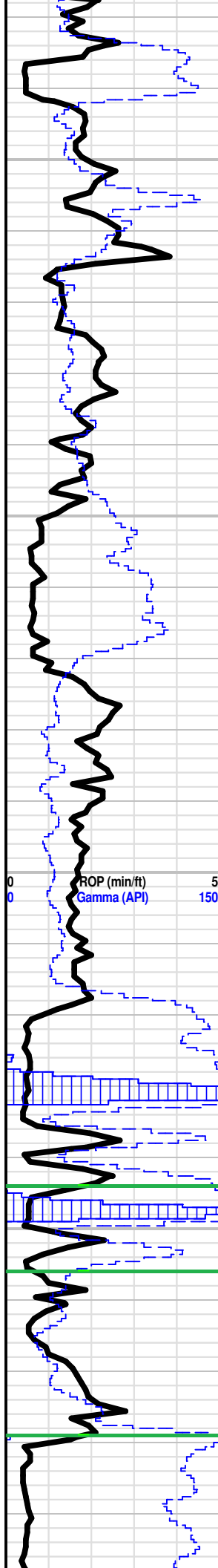
W.O.B. = 16K
R.P.M. = 95+
S.P.M. = 64
P.S.I. = 980
Vis: 47
WT: 9.2

4050

Ls Wht-Gry, Fn-Microxln dns micrite, chlky, Sh Char-Gry-Aqua, soft silty, foss(crin) w/strks Pyr-Inclus, no odr, no flor, no stn, NS

QUEEN HILL 4070' (-1819)

W.O.B. = 16
R.P.M. = 95+
S.P.M. = 64



Sh Blk Carb-Gry-Aqua, soft fiss, Ls Wht-Crm-Gry, Fn-MicroIn micrite grad poor PP InIn Por, sli vug por, Chlky, Trc Foss(crin), no odr, no flor, no stn, NS

4100

Ls Wht-Crm-Lt Gry, FxIn micrite grad vpoor PP InIn Por, chlky, Sh Blk Carb-Gry-Red, soft fiss w/scat Pyr-inclus, no odr, no flor, no stn, NS

Ls Crm-Wht-Lt Gry, Fn-MicroIn dns micrite, vpoor PP Por, chlky, Sh Gry-Drk Gry-Lt Grn, soft fiss, foss(Gastro), no odr, no flor, no stn, NS

4150

Sh Drk Gry-Gry-Char, soft fiss w/Pyr-inclus, Ls Crm-Gry, Fn-MicroIn micrite grad poor InIn Por, chlky, Foss(fus), Mass Pyr, no odr, no flor, no stn, NS

Ls Crm-Lt Gry-Gry, vFn-MicroIn micrite grad poor PP InIn Por, chlky, Mass Pyr, Sh Char-Gry-Grn, soft fiss, sli silty, no odr, no flor, no stn, NS

4200

Ls Wht-Gry, vFn-MicroIn micrite grad vpoor PP InIn Por, Chlky, scat Foss(crin), Sh Blk Carb(w/SGB)-Gry-Grn, fiss, Scat Chrt Wht-Op, no odr, no flor, no stn, NS

4250

Sh Blk Carb(w/SGB)-Gry, fiss, LS Wht-Crm-Gry, Fn-MicroIn dns micrite grad poor PP InIn Por, Chlky, Scat Foss(crin), w/Pyr-inclus, Scat Chrt Wht Gry Op, no odr, no flor, no stn, NS

Ls Wht-Lt Gry-Crm, FxIn dns micrite, vpoor PP InIn Por, Chlky w/Pyr-inclus, Sh Gry-Char-Brn-Blk Carb, soft fiss, no odr, no flor, no stn, NS

Sh Blk Carb-Gry-Char-Brn-Grn, soft silty, Ls Wht-Crm-Gry, FxIn micrite grad poor PP InIn Por w/Pyr-Inclus, no odr, no flor, no stn, NS

PSI = 1,000

W.O.B. = 16
R.P.M. = 95+
S.P.M. = 64
P.S.I. = 1,000
Vis = 55
WT = 9.1

W.O.B. = 16
R.P.M. = 95+
S.P.M. = 64
P.S.I. = 1,000

Pump Mtr Died

W.O.B. = 16
R.P.M. = 95+
S.P.M. = 61
P.S.I. = 985
Vis = 60
WT = 9.2

Scale Change
TG, C1-C5 300

158 UNIT GAS KICK

116 UNIT GAS KICK

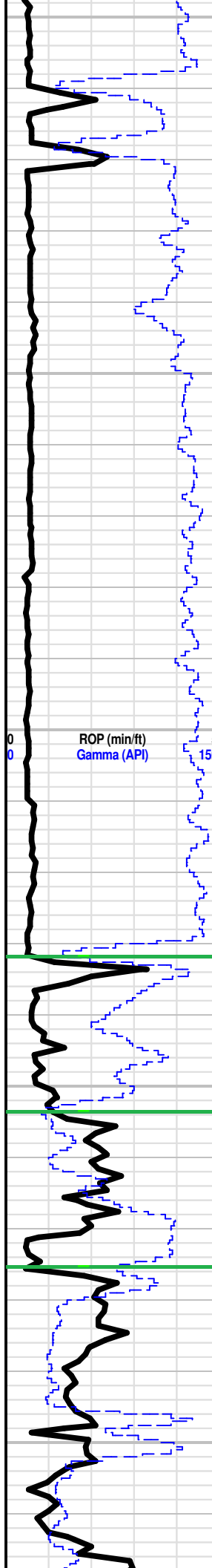
119 UNIT GAS KICK

HEEBNER 4244' (-1992)

TORONTO 4256' (-2005)

DOUGLAS 4279' (-2028)

4300
4350
4400
4450
4500



Sh Gry-Char-Brn-Grn, soft silty, Ls Crm-Tan, Fn-MicroIn micrite grad poor PP InxIn Por, Mass Pyr, Scat Qtz Ss Wht-Lt Gry, Fgrn, subang-subrnd, well sort w/CaCO3 matrix, fri, poor Ingrn Por, no odr, no flor, no stn, NS

Sh Gry-Brn-Char-Grn, soft silty, Ls Crm-Tan-Brn, FxIn micrite, dns grad poor InxIn PP Por, Trc Qtz Ss, Wht-Lt Gry AA, Scat Pyr-inclus, no odr, no flor, no stn, NS

Sh Gry-Char-Grn-Brn, soft silty, Ls Crm-Tan-Gry, FxIn micrite grad poor InxIn PP Por, Scat Qtz Ss Wht-Lt Gry, Fgrn, subang-subrnd, well sort w/CaCO3 matrix, poor Ingrn Por, fri, Mass Pyr(1 pc) no odr, no flor, no stn, NS

BROWN LIME 4432' (-2181)

Sh Gry-Lt Brn-Lt Grn-Char, fiss soft silty, Ls Tan-Lt Gry, Fn-MicroIn micrite, dns, Scat Qtz Ss AA, no odr, no flor, no stn, NS

LANSING 4454' (-2203)

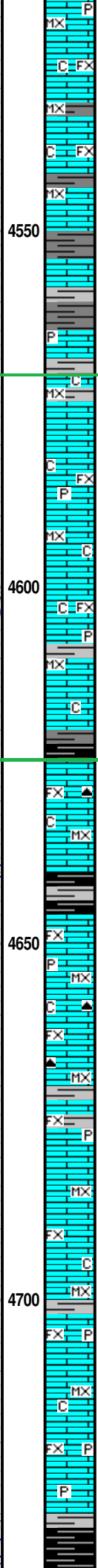
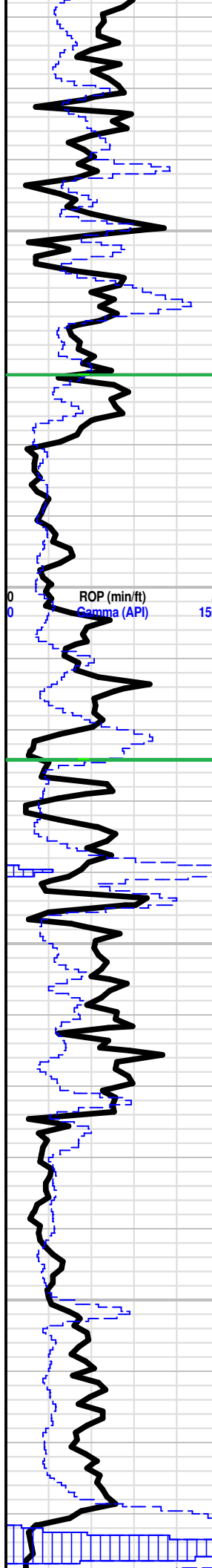
LANSING 'B' 4475' (-2224)

Ls Crm-Lt Gry-Gry, FxIn oolitic micrite grad poor InxIn PP Por, w/Pyr-inclus, Foss(crin), Sh Gry-Char, fiss soft, Mass Pyr, no odr, no flor, no stn, NS

Ls Wht-Crm-Gry-Brn, Fn-MicroIn micrite grad poor InxIn Por, w/Pyr-Inclus, Sh Gry-Lt Grn-Blk Carb-Char, no odr, no flor, no stn, NS

W.O.B. = 16
R.P.M. = 95+
S.P.M. = 61
P.S.I. = 985
Vis: 55
WT: 9.2

TG, C1-C5 300



Ls, Crm-Tan-Gry, Fn-MicroIn micrite, dns grad poor InxIn PP Por, Chlky, Sh Gry-Grn-Char), fiss soft, no odr, no flor, no stn, NS

LANSING 'F' 4570' (-2319)

Ls Crm-Wht, Fn-MicroIn grnr micrite, dns grad poor InxIn/Ingrn PP Por, Chlky, Chrt Gry-Op Shp, Sh Gry-Drk Gry-Brn, soft fiss, no odr, no flor, no stn, NS

Ls Crm-Wht-Tan-Lt Gry, Fn-MicroIn micrite, dns grad poor InxIn PP Por, Foss, Chlky, Chrt, Gry-Op, Shp, Sh Gry-Grn-Brn, soft, Mass Pyr, no odr, no flor, no stn, NS

KANSAS CITY 'H' 4624' (-2373)

Ls Wht-Lt Tan-Lt Gry, Fn-MicroIn micrite, poor InxIn Por, v chlky, Sh Gry-Grn-Blk Carb, soft, Chrt Tan Op, Shp, no odr, no flor, no stn, NS

Ls Crm-Wht-Tan, Micro-vFnxIn dns micrite, oolic in part w/poor-mod InxIn/Oomold Por, scat dis vugs, chlky w/Pyr-inclus, Chrt Gry Op Shp, Sh Gry-Grn-Blk Carb, soft fiss, no odr, no flor, no stn, NS

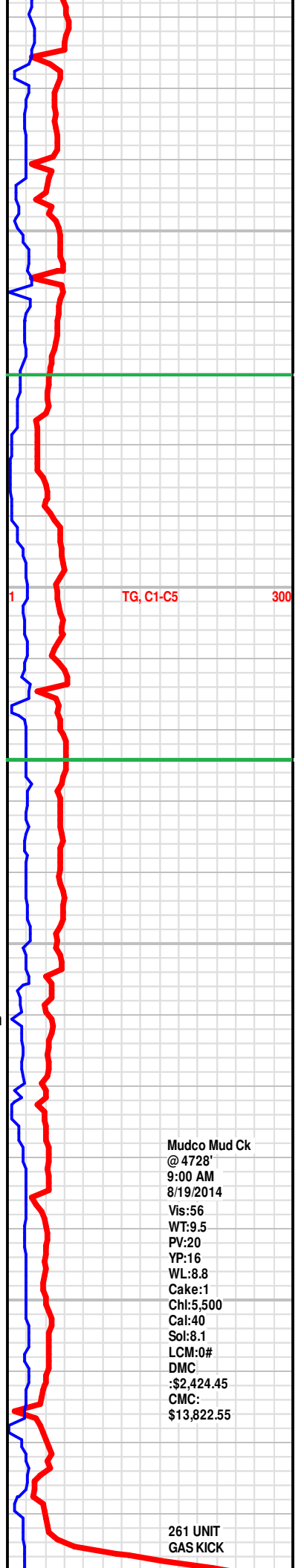
Ls Crm-Lt Brn-Lt Gry-Wht, Micro-FnxIn micrite w/Foss inclus(crin), Few w/poor InxIn/Foss Por, dis vugs, Chlky, Pyr-inclus, Sh Gry-Drk Gry-Blk Carb, soft fiss, no odr, no flor, no stn, NS

Begin 10' Sample Examination @ 4740'

Ls Wht-Crm-Lt Tan, vFn-MicroIn micrite grad poor PP InxIn Por, Chlky, Few Pc w/poor InxIn/Vug Por, Chrt Wht-Lt Tan-Gry, Shp, Sh Gry-Drk Gry-Grn, soft fiss, Foss(crin), Scat Pyr-inclus, no odr, no flor, no stn, NS

Ls Wht-Crm-Gry-Brn, Micro-FnxIn micrite grad poor InxIn Por(few), Chlky, Chrt Trans Wht Gry Op, Sh Gry-Blk Carb, fiss, no odr, no flor, no stn, NS

Sh Blk Carb(w/SGB), Gry-Grn, fiss w/Pyr-inclus, Ls Wht-Crm-Tan, Micro-FxIn dns micrite, Chlky, Chrt AA, no odr, no flor, no stn, NS



TG, C1-C5 300

Mudco Mud Ck
 @ 4728'
 9:00 AM
 8/19/2014
 Vis:56
 WT:9.5
 PV:20
 YP:16
 WL:8.8
 Cake:1
 Chl:5,500
 Cal:40
 Sol:8.1
 LCM:0#
 DMC
 :\$2,424.45
 CMC:
 \$13,822.55

261 UNIT
 GAS KICK

KANSAS CITY 'J' 4742' (-2491)

Sh Blk Carb(w/SGB)-Gry, fiss, Ls Wht-Crm-Lt Gry, Micro-FxnIn micrite, sli grnurl, 1 pc w/good InxIn/Oomold vug Por, Chlky, Chrt Wht Trans Op, Foss(crin), no odr, no flor, no stn, NS

Ls Crm-Wht-Lt Gry, MicroxIn dns micrite, no vis por, Chlky, Chrt Gry Op Shp, Sh Blk Carb-Gry-Grn, fiss, soft, sli silty, Mass Pyr, no odr, no flor, no stn, NS

Ls Crm-Wht-Gry, Micro-FxnIn dns micrite, Chlky, Chrt Wht Trans Op Shp, Foss(crin), Sh Blk Carb-Gry-Aqua, fiss w/Pyr-inclus, no odr, no flor, no stn, NS

Ls Wht-Crm-Gry, Micro-FxnIn micrite grad poor PP Por, 1 pc oolitic w/poor dis vugs, foss, Chrt Wht-Lt Gray Op Shp, Sh Blk Carb-Gry-Grn, fiss soft w/Pyr-inclus, no odr, no flor, no stn, NS

Sh Blk Carb(w/SG)-Char-Lt Gry-Grn-Lt Brn, fiss, sli silty, Ls Tan-Gry-Crm, FxIn, dns grad poor InxIn Por, Foss, Pyr-inclus, Chrt AA, no odr, no flor, no stn, NS

STARK 4784' (-2533)

Sh Blk Carb(w/SG)-Char-Gry-Brn-Grn, fiss, Ls Crm-Wht-Gry, Fn-MicroxIn micrite, Poor InxIn PP Por, no odr, no flor, no stn, NS

Ls Lt Tan-Lt Gry-Wht, Fn-MicroxIn dns micrite w/Trc poor PP InxIn Por, Chlky, Sh Blk Carb-Gry-Brn, fiss, silty, Chrt Wht-Gry Op Shp, no odr, no flor, no stn, NS

Ls Wht-Lt Gry-Lt Tan, Micro-FxnIn dns micrite, vpoor InxIn PP Por-no vis Por, w/Pyr-inclus, Sh Gry-Brn-Blk Carb, fiss soft, Chrt Wht-Lt Gry Op Shp, no odr, no flor, no stn, NS

Sh Gry-Blk Carb, fiss soft, Ls Gry-Wht, FxIn dns micrite, Chlky, Chrt Tan, foss inclus, trc Pyr-inclus, no odr, no flor, no stn, NS

HUSHPUCKNEY 4832' (-2581)

Sh Blk Carb-Gry-Brn-Aqua, fiss soft, Ls Crm-Wht-Lt Tan-Gry, FxIn micrite grad poor InxIn Por, Chlky, no odr, no flor, no stn, NS

Ls Wht-Gry-Tan, Fn-MicroxIn micrite grad poor PP InxIn Por, Chlk, Foss, Sh Gry-Blk Carb-Grn, fiss, no odr, no flor, no stn, NS

Ls Crm-Gry-Brn, FxIn micrite, dns grad poor InxIn Por w/scat poor-mod Vug/Frac Por, Chlky, Sh Blk Carb-Gry-Brn, fiss soft, Trc Chrt, Wht-Lt Gry, foss inclus, no odr, no flor, no stn, NS

Sh Gry-Blk Carb(w/ssGB)-Aqua, soft fiss, sli silty, Ls Crm-Gry-Lt Brn, FxIn micrite grad poor-mod PP InxIn Por w/dis vugs, Chlky, no odr, no flor, no stn, NS

Ls Gry-Crm-Tan, FxIn micrite, poor PP InxIn Por, Chlky, Sh Gry-Grn-Blk Carb, fiss, trc Pyr-inclus, no odr, no flor, no stn, NS

Sh Drk Gry-Gry-Blk Carb, fiss, Ls Crm-Tan-Gry, Micro-FxIn dns micrite grad Poor InxIn PP Por, Foss, Pyr-inclus, no odr, no flor, no stn, NS

Sh Gry-Brn-Grn-Blk Carb, soft fiss, Ls Lt Tan-Wht-Gry, Micro-vFxIn micrite, dns, Sct Chrt, Wht Tan Op, no odr, no flor, no stn, NS

Ls Crm-Gry-Lt Brn, Fn-vFxIn micrite w/foss inclus grad poor InxIn Por, Mass Pry, Sh Gry-Grn-Red-Blk Carb, fiss soft, no odr, no flor, no stn, NS

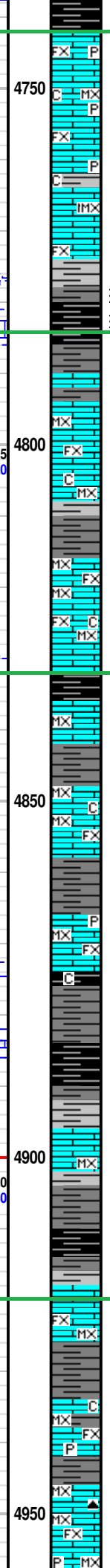
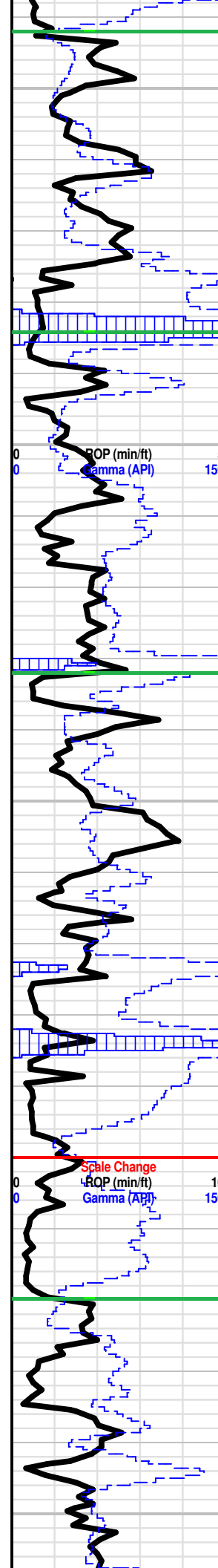
MARMATON 'B' 4920' (-2669)

Ls Wht-Lt Gry-Lt Tan, Micro-FxnIn dns micrite, Sli trc poor PP InxIn Por, Sh Gry-Grn-Red-Blk Carb, fiss, silty, Chrt Gry-Brn Op, foss, no odr, no flor, no stn, NS

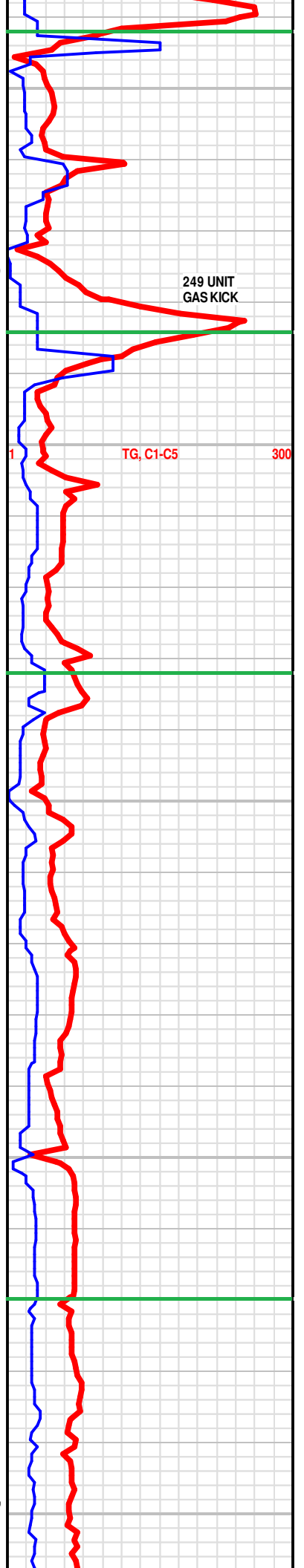
Ls Lt Tan-Crm-Wht, Fn-MicroxIn micrite w/inbed Chrt, Chlky, Chrt Tan Wht Op(abd), Foss, Sh Gry-Aqua-Brn Red-Blk Carb, soft fiss w/Pyr-inclus, no odr, no flor, no stn, NS

Ls Lt Tan-Crm, Micro-FxnIn dns micrite, Chlky, Sh Blk Carb-Gry-Aqua, fiss, Chrt Tan Wht Trans Op Shp, no odr, no flor, no stn, NS

Ls Tan-Crm-Wht, Micro-FxnIn micrite grad poor InxIn Por, Foss(crin), Chlky, Sh



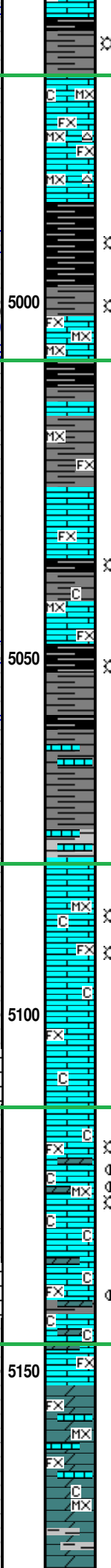
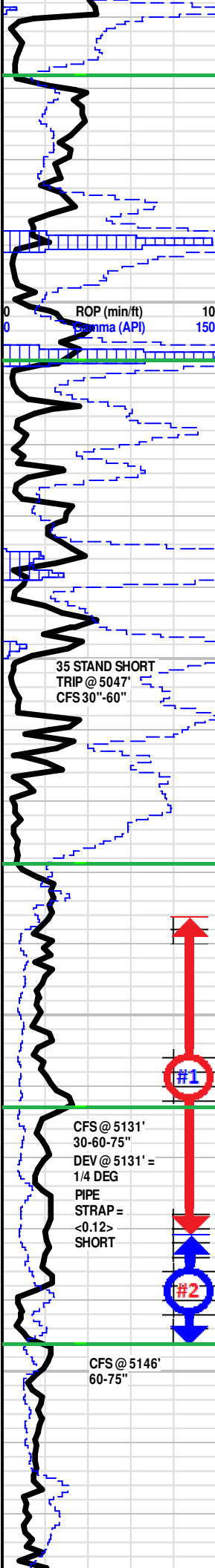
Descriptive text for each geological unit, detailing lithology, porosity, and other characteristics.



249 UNIT GASKICK

TG, C1-C5

300



Sh Tan-Crm-Wht, Micro-FxnIn micrite grad poor InxIn Por, Foss(crin), Chlky, Sh Gry-Aqua-Red-Blk Carb, w/Pry-Inclus, Chrt AA, no odr, no flor, no stn, NS

Sh Blk Carb(w/SG)-Char-Gm-Aqua, fISS, silty w/Pry-inclus, Ls AA, no odr, no flor, no stn, NS

PAWNEE 4968' (-2717)

Ls Crm-Wht, Micro-vFxnIn dns micrite, few w/poor PP InxIn Por, Sh Blk Carb-Gry, soft fISS, no odr, no flor, no stn, NS

Ls Wht-Crm-Lt Gry, Micro-FxnIn dns micrite, Sli trc poor InxIn PP Por, Chlky, foss(crin), Sh Gry-Aqua-Brn Red-Blk Carb, soft fISS, Trc Chrt, no odr, no flor, no stn, NS

Sh Blk Carb(w/SG)-Gry-Brn-Aqua, fISS soft w/Pry-inclus, silty, Ls Wht-Lt Gry, Micro-vFxnIn micrite, dns grad Por PP Por, Chlky, no odr, no flor, no stn, NS

Sh Blk Carb-Char-Gry, soft fISS, Ls Wht-Crm, Micro-FxnIn micrite, dns, Chlky, Mass Pyr, no odr, no flor, no stn, NS

Sh Blk Carb(w/SG)-Gry, fISS soft, Ls Tan-Crm-Wht, Micro-FxnIn micrite, dns, Chlky, Chrt Tan Crm Op, no odr, no flor, no stn, NS

CHEROKEE 5008' (-2757)

Sh Blk Car-Char-Gry, fISS, silty w/Pry-inclus, Ls Lt Gry-Tan, Micro-FxnIn micrite, foss, Chrt, Wht Crm Op Shp, no odr, no flor, no stn, NS

Sh Gry-Grn-Char-Blk Carb, fISS soft with Pyr-inclus, Ls Tan-Wht-Gry, FxnIn micrite, dns grad poor Pin-Pt InxIn Por, Mas Pyr, scat Chrt Tan Op, no odr, no flor, no stn, NS

30" CFS @ 5047' Sh Blk Carb-Gry(w/SG)-Lt Gry-Lt Grn, fISS soft w/Pyr, foss(crin), Ls Lt Tan-Wht, Micro-FxnIn micrite grad poor PP InxIn Por, no odr, no flor, no stn, NS

60" CFS @ 5047' Sh Blk Carb-Gry(w/SG)-Lt Gry-Lt Grn, fISS soft w/Pyr, foss(crin), Ls Lt Tan-Wht, Micro-FxnIn micrite grad poor PP InxIn Por, no odr, no flor, no stn, NS

Sh Blk Carb-Gry-Brn-Aqua-Oliv, fISS soft silty, Pyr-inclus, Ls Tan-Wht, Micro-FxnIn micrite grad poor PP InxIn Por, Chlky, foss, Chrt Gry-Tan-Wht Op, Shp, no odr, no flor, no stn, NS

Sh Gry-Grn-Aqua-Oliv-Blk Carb, fISS soft w/Pyr-Inclus, Ls Tan-Wht, Micro-FxnIn dns micrite, poor PP InxIn Por, w/Pry-inclus, Chlky, no odr, no flor, no stn, NS

MISSISSIPPIAN 5079' (-2828)

Ls Wht-Crm-Lt Gry, Micro-FxnIn micrite grad poor-mod Pin-Pt InxIn Por, Foss, Chlky, Sli Trc fair-good Pin-Pt InxIn/Vug Por w/SGB, Few w/Drk gil stn, Sh Gry-Grn-Aqua-Oliv, fISS soft, Chrt Wht-Peach Op, Shp, v fnt odr, sli flor wht-grn(4 pc), no stn, Sli SG

Ls Wht-Lt Tan, vFxnIn-FxnIn micrite, poor-mod Pin-Pt InxIn Por, Chlky, Dolomitic in part w/gil stn, brittle, Sh Vaircolor AA, Chrt, foss(crin), Pyr, fair odr, scat grn-wht flor, trc lt brn stn, Sli SG

Ls, Wht-Crm-Tan, Micro-FxnIn micrite grad poor-fair Pin-Pt InxIn Por, w/gil stn, Chlky, fnt-mod odr, sct flor, lt brn-drk gil stn, Sli SG

SPERGEN POR 5113' (-2862)

30" CFS @ 5131' Ls/Dol Crm-Tan-Lt Gry, Micro-FxnIn, poor-fair Pin-Pt InxIn Por, brittle, fair odr, scat grn-wht flor, Blk Gil-Lt Brn stn, Sli SG, Chlk(abd), trc gluc inclus, Sh Gry-Grn-Oliv, soft fISS

60" CFS @ 5131' Dol/Ls Crm-Tan-Lt Gry, Micro-FxnIn, poor-fair-good Pin-Pt InxIn/Vug Por, sucr, good odr, grn-wht-dull flor(abd), Scat Lt Brn stn, Blk Gil Stn, fair SGB, Few spts FO(aft 10%HCl, Lt Brn-Clear)

75" CFS @ 5131' Dol/Ls, Crm-Tan-Gry, FxnIn micrite, dns grad fair-good Pin-Pt InxIn/Vug Por, Chlky, Trc gluc inclus, mod odr, med flor, Sct Lt Brn Stn, Blk Gil stn, SGB

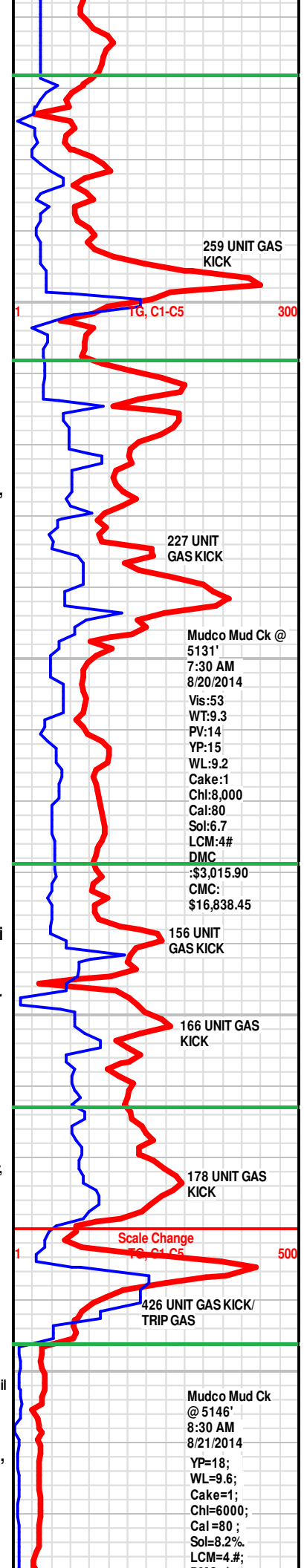
60" CFS @ 5146' Ls Lt Gry-Crm-Tan, FxnIn micrite grad fair-good Pin-Pt sucr Por w/1 Spt vLt Brn FO(abd afr HCl, wht stream slw-mod bright cut) brittle grad Dol Ls w/fair-gd InxIn/Vug sucr Por w/lt brn stn(wht stream fast bright cut), mod musky odr, spt-sat grn flor(5%), strk lt brn stn, Chlky, Chrt Gry-Tan Trip, Sh Gry-Grn

WARSAW 5146' (-2895)

75" CFS @ 5146' Dol/Ls, Lt Gry-Crm-Tan, FxnIn micrite grad poor-fair Pin-Pt InxIn Por, w/few scat good InxIn/Vug Por(sli gluc inclus), w/grn Flor <7 pc(wht strming vry slow bright cut), gil stn blk residue w/spty brn stn, faint grad to musky odr, chlky, Chrt AA w/foss(fus), Sh Gry-Brn-Grn, Pyr Mass

Dol Gry-Lt Gry-Crm, FxnIn-microxIn, poor-fair PP InxIn Por, foss, gluc inclus, Chrt Brn-Wht-Orng Trns Op, Sh Drk Gry-Gry-Brn-Grn-Oliv, fISS Pyr-inclus, Ls Tan, mxIn dns micrite, no odr, scat flor & stn(frm abv), NS

Dol Gry-Crm, Fn-MicroxIn micrite grad poor-fair PP InxIn Por, Foss w/gluc & Pvr-inclus. Chrt Gry-Wht Trans Op Shp. foss(crin.fus) Sh



ROP (min/ft)
Gamma (API)

35 STAND SHORT
TRIP @ 5047'
CFS 30"-60"

CFS @ 5131'
30-60-75"
DEV @ 5131' =
1/4 DEG
PIPE
STRAP =
<0.12>
SHORT

CFS @ 5146'
60-75"

259 UNIT GAS KICK

227 UNIT GAS KICK

Mudco Mud Ck @
5131'
7:30 AM
8/20/2014
Vis:53
WT:9.3
PV:14
YP:15
WL:9.2
Cake:1
Chl:8,000
Cal:80
Sol:6.7
LCM:4#
DMC
:\$3,015.90
CMC:
\$16,838.45

156 UNIT GAS KICK

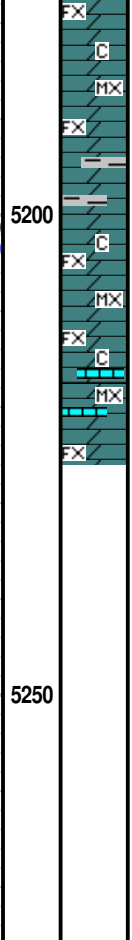
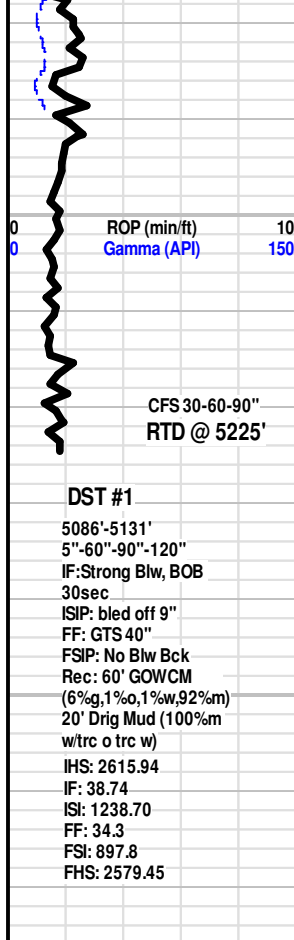
166 UNIT GAS KICK

178 UNIT GAS KICK

Scale Change
TG, C1-C5

426 UNIT GAS KICK/
TRIP GAS

Mudco Mud Ck
@ 5146'
8:30 AM
8/21/2014
YP=18;
WL=9.6;
Cake=1;
Chl=6000;
Cal=80;
Sol=8.2%
LCM=4.#;



Gry-Aqua-Marn, fiss, Pyr, no odr, trc flor(frm abv),trc lt brn stn, NS

Dol, Gry-Lt Gry, Fn-Microxln micrite grad poor PP Inxln Por, Trc gluc & Pyr-inclus, Sh Gry-Drk Gry Grn, fiss, Chrt Gry Trans Op Shp, foss(crin), Mass Pyr, Ls Tan, microxln dns micrite, no odr, no flor, no stn, NS

Dol Gry, Micro-Fxln dns micrite,sli CaCo3,Sh Gry-Drk Gry, soft fiss silty, Trc Chrt Brn-Tan-Drk Gry Op, no odr, no flor, no stn, NS

30" CFS @ 5225' Dol Gry-Lt Gry-Wht, Micro-Fxln dns micrite grad poor Inxln Por, foss- chrt inclus w/CaCO3,trc gluc, Mass Pyr, Sh Gry, fiss, no odr, no stn, no flor, NS

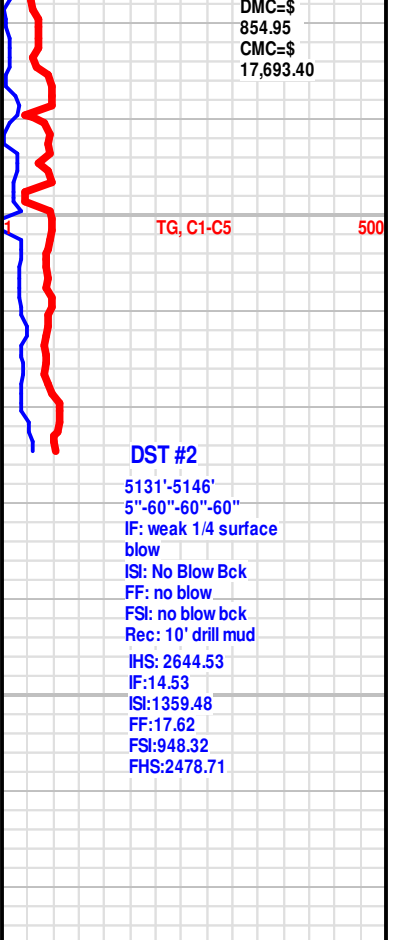
60" CFS @ 5225' Dol Gry-Lt Gry-Wht, Micro-Fxln micrite grad poor-mod PP Inxln Por, foss w/Calc & Chrt inclus, trc gluc, Chrt Gry-Wht Trns Op Sh Gry-Lt Grn, fiss w/Pyr inclus, no odr, no flor, no stn, NS

90" CFS @ 5225' Dol Gry-Crm-Wht, Fn-Microxln, poor-mod PP Inxln Por, foss,trc gluc, Ls Lt Tan-Tan, Microxln dns micrite, Sh Gry-Grn-Aqua-Marn, fiss,Pyr-Inclus, Chrt Gry-Wht Trans Op, foss,(crin) no odr, no stn, no flor, NS

RTD @ 5225' (-2974)
LTD @ 5224' (-2973)

Logging Company: Weatherford
Electric Logs Ran: Dual Induction, Compensated Density-Neutron, & Microresisitvity Logs.

Geologist Left Location @ 12:45 AM on 08/22/2014



DMC=\$
854.95
CMC=\$
17,693.40

TG, C1-C5 500

DST #2
5131'-5146'
5"-60"-60"-60"
IF: weak 1/4 surface blow
ISI: No Blow Bck
FF: no blow
FSI: no blow bck
Rec: 10' drill mud
IHS: 2644.53
IF:14.53
ISI:1359.48
FF:17.62
FSI:948.32
FHS:2478.71

DST #1
5086'-5131'
5"-60"-90"-120"
IF:Strong Blw, BOB
30sec
ISIP: bled off 9"
FF: GTS 40"
FSIP: No Blw Bck
Rec: 60' GOWCM
(6%g,1%o,1%w,92%rn)
20' Drig Mud (100%rn w/trc o trc w)
IHS: 2615.94
IF: 38.74
ISI: 1238.70
FF: 34.3
FSI: 897.8
FHS: 2579.45

5200
5250



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central
Wichita, KS 67206

ATTN: Zach Wiele

MTPRC 'A' #3-27

27-30s-19w Kiowa,KS

Start Date: 2014.08.20 @ 06:29:19

End Date: 2014.08.20 @ 16:12:04

Job Ticket #: 54133 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.08.22 @ 14:20:52



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54133

DST#: 1

ATTN: Zach Wiele

Test Start: 2014.08.20 @ 06:29:19

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:47:34

Time Test Ended: 16:12:04

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 5086.00 ft (KB) To 5131.00 ft (KB) (TVD)

Reference Elevations: 2251.00 ft (KB)

Total Depth: 5131.00 ft (KB) (TVD)

2238.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773 Inside

Press@RunDepth: 55.33 psig @ 5087.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.20

End Date:

2014.08.20

Last Calib.:

2014.08.20

Start Time: 06:29:24

End Time:

16:12:04

Time On Btm:

2014.08.20 @ 08:44:34

Time Off Btm:

2014.08.20 @ 13:24:34

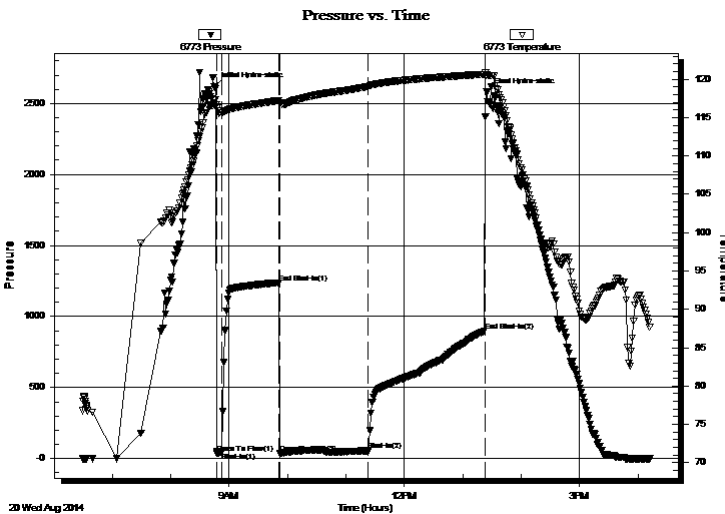
TEST COMMENT: IF: Strong blow . B.O.B. in 30 secs.

IS: No blow .

FF: Strong blow .B.O.B. in 10 secs. G.T.S. in 40 mins. Gauged gas. See gas report.

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2615.94	117.37	Initial Hydro-static
3	38.74	116.29	Open To Flow (1)
8	45.01	115.64	Shut-In(1)
67	1238.70	117.23	End Shut-In(1)
68	34.03	116.97	Open To Flow (2)
159	55.33	119.06	Shut-In(2)
278	897.80	120.65	End Shut-In(2)
280	2579.45	120.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOWCM 6%g 1%o 1%w 92%m	0.30
20.00	Drig Mud 100%m w/trc o trc w	0.10
0.00	G.I.P. G.T.S. 100%g	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	3.00	27.60



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54133

DST#: 1

ATTN: Zach Wiele

Test Start: 2014.08.20 @ 06:29:19

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:47:34

Time Test Ended: 16:12:04

Interval: 5086.00 ft (KB) To 5131.00 ft (KB) (TVD)

Total Depth: 5131.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Reference Elevations: 2251.00 ft (KB)

2238.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6719 Outside

Press@RunDepth: psig @ 5087.00 ft (KB)

Start Date: 2014.08.20

End Date:

2014.08.20

Start Time: 06:29:13

End Time:

16:11:53

Capacity: 8000.00 psig

Last Calib.:

2014.08.20

Time On Btm:

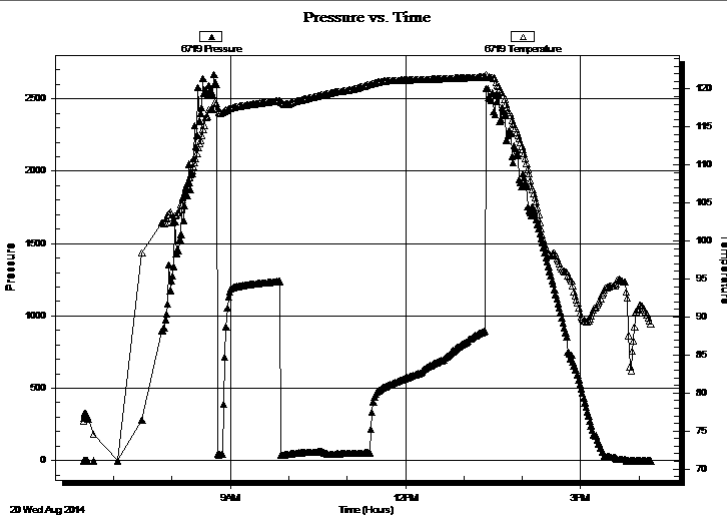
Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 30 secs.

IS: No blow .

FF: Strong blow .B.O.B. in 10 secs. G.T.S. in 40 mins. Gauged gas. See gas report.

FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOWCM 6%g 1%o 1%w 92%m	0.30
20.00	Drig Mud 100% m w /trc o trc w	0.10
0.00	G.I.P. G.T.S. 100%g	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	3.00	27.60



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54133

DST#: 1

ATTN: Zach Wiele

Test Start: 2014.08.20 @ 06:29:19

Tool Information

Drill Pipe:	Length: 4777.00 ft	Diameter: 3.80 inches	Volume: 67.01 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 68.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	5086.00 ft			Final 87000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5059.00	
Shut In Tool	5.00			5064.00	
Hydraulic tool	5.00			5069.00	
Jars	5.00			5074.00	
Safety Joint	3.00			5077.00	
Packer	4.00			5081.00	28.00 Bottom Of Top Packer
Packer	5.00			5086.00	
Stubb	1.00			5087.00	
Recorder	0.00	6719	Outside	5087.00	
Recorder	0.00	6773	Inside	5087.00	
Perforations	1.00			5088.00	
Change Over Sub	1.00			5089.00	
Blank Spacing	32.00			5121.00	
Change Over Sub	1.00			5122.00	
Perforations	6.00			5128.00	
Bullnose	3.00			5131.00	45.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54133

DST#: 1

ATTN: Zach Wiele

Test Start: 2014.08.20 @ 06:29:19

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:

8000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	GOWCM 6%g 1%o 1%w 92%m	0.295
20.00	Drig Mud 100%m w /trc o trc w	0.098
0.00	G.I.P. G.T.S. 100%g	0.000

Total Length: 80.00 ft

Total Volume: 0.393 bbf

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: MAS Pratt

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Serial #: 6773

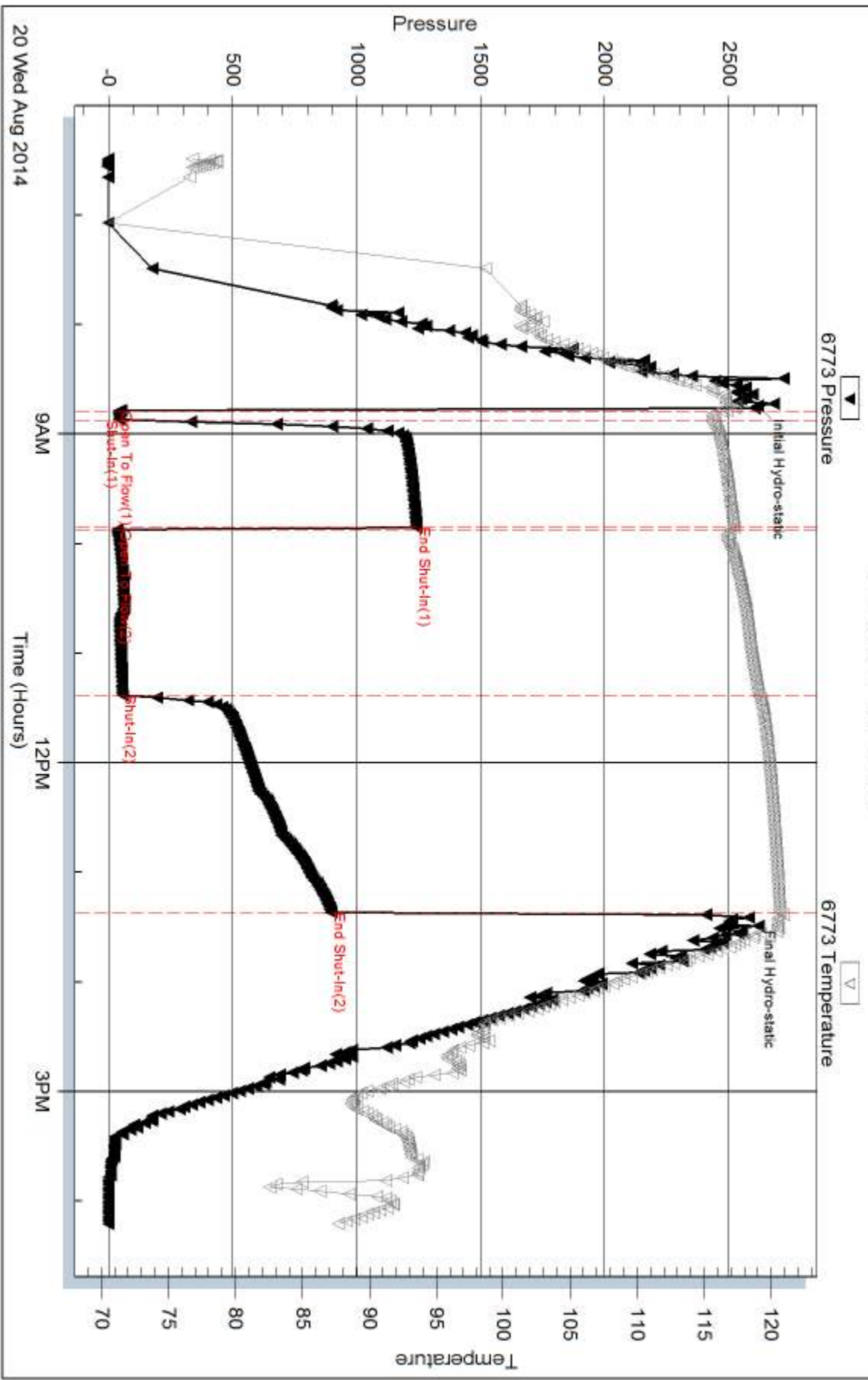
Inside

McCoy Petroleum Corporation

MTRC/A' #3-27

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 54133

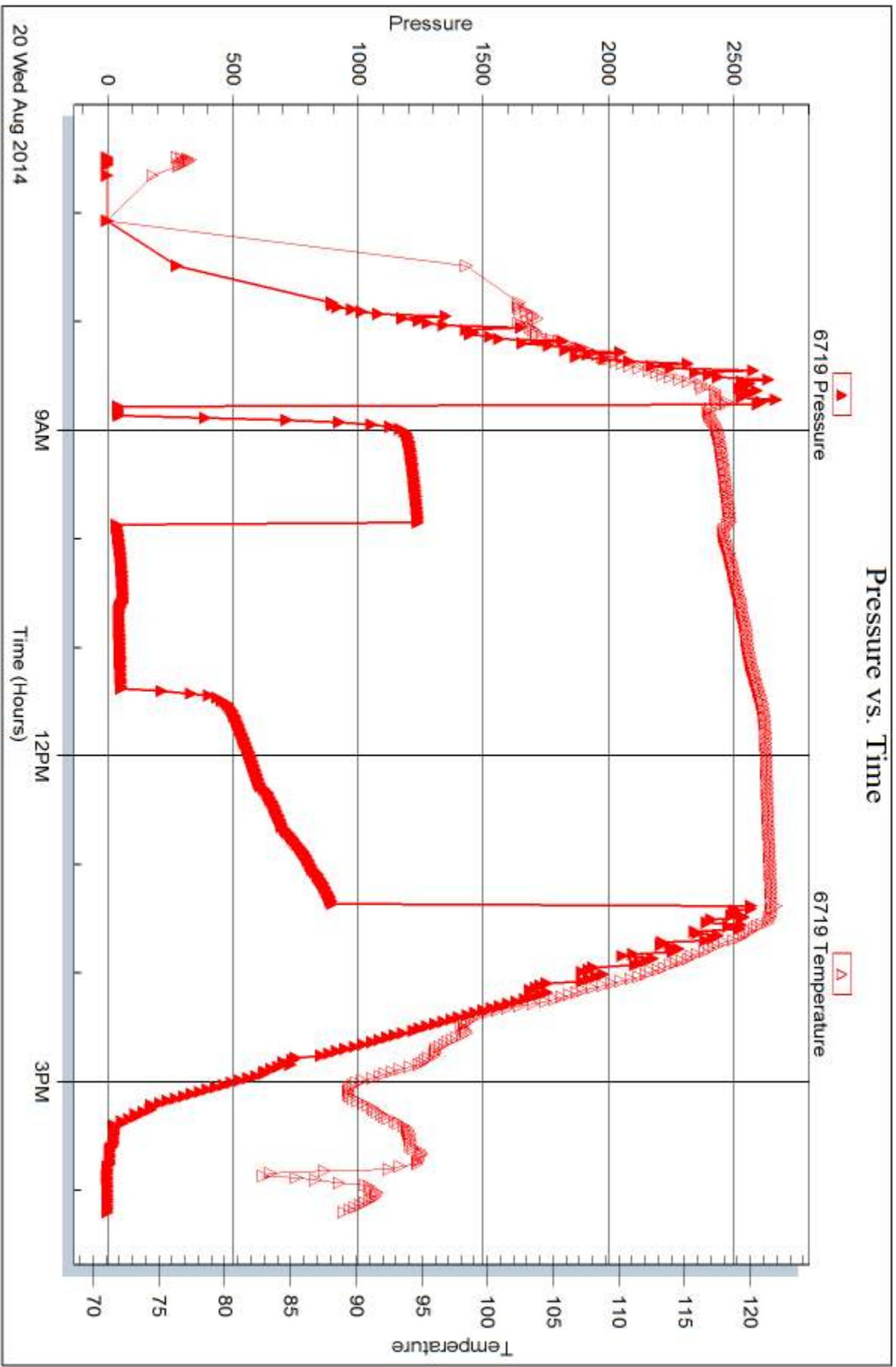
Printed: 2014.08.22 @ 14:20:55

Serial #: 6719

Outside McCoy Petroleum Corporation

MTRC 'A' #3-27

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54133

Printed: 2014.08.22 @ 14:20:55



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central
Wichita, KS 67206

ATTN: Zach Wiele

MTPRC 'A' #3-27

27-30s-19w Kiowa,KS

Start Date: 2014.08.21 @ 00:06:59

End Date: 2014.08.21 @ 08:43:29

Job Ticket #: 54134 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.08.22 @ 14:11:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54134

DST#: 2

ATTN: Zach Wiele

Test Start: 2014.08.21 @ 00:06:59

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:10:14

Time Test Ended: 08:43:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 5131.00 ft (KB) To 5146.00 ft (KB) (TVD)

Reference Elevations: 2251.00 ft (KB)

Total Depth: 5146.00 ft (KB) (TVD)

2238.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773

Inside

Press@RunDepth: 25.38 psig @ 5132.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.21

End Date:

2014.08.21

Last Calib.:

2014.08.21

Start Time: 00:07:04

End Time:

08:43:29

Time On Btm:

2014.08.21 @ 03:03:44

Time Off Btm:

2014.08.21 @ 06:20:44

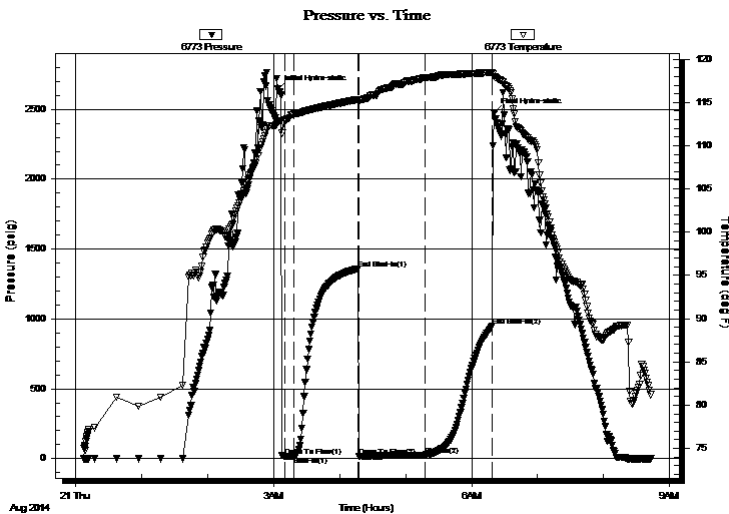
TEST COMMENT: IF: Weak blow . Surf., - 1/4".

IS: No blow .

FF: No blow .

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2644.53	112.69	Initial Hydro-static
7	14.53	112.95	Open To Flow (1)
15	16.35	113.65	Shut-In(1)
73	1359.48	115.35	End Shut-In(1)
74	17.62	115.14	Open To Flow (2)
134	25.38	117.87	Shut-In(2)
195	948.32	118.48	End Shut-In(2)
197	2478.71	118.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig Mud 100%m	0.05

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54134

DST#: 2

ATTN: Zach Wiele

Test Start: 2014.08.21 @ 00:06:59

Tool Information

Drill Pipe:	Length: 4809.00 ft	Diameter: 3.80 inches	Volume: 67.46 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose:	98000.00 lb
			<u>Total Volume: 68.94 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	5131.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	43.00 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			5104.00	
Shut In Tool	5.00			5109.00	
Hydraulic tool	5.00			5114.00	
Jars	5.00			5119.00	
Safety Joint	3.00			5122.00	
Packer	4.00			5126.00	28.00 Bottom Of Top Packer
Packer	5.00			5131.00	
Stubb	1.00			5132.00	
Recorder	0.00	6719	Outside	5132.00	
Recorder	0.00	6773	Inside	5132.00	
Perforations	11.00			5143.00	
Bullnose	3.00			5146.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

27-30s-19w Kiowa,KS

9342 E Central
Wichita, KS 67206

MTPRC 'A' #3-27

Job Ticket: 54134

DST#: 2

ATTN: Zach Wiele

Test Start: 2014.08.21 @ 00:06:59

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:

8000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	Drig Mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

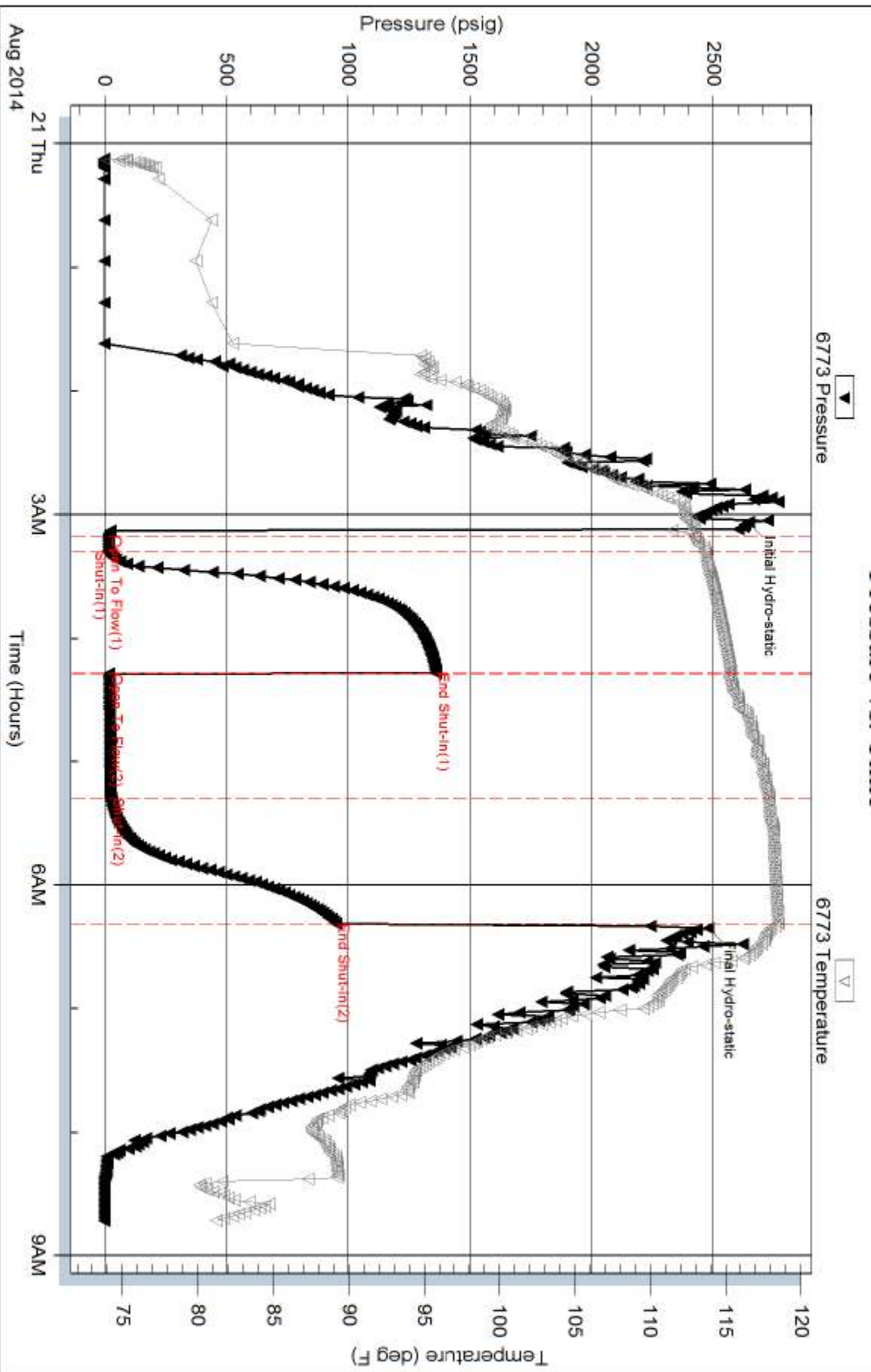
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

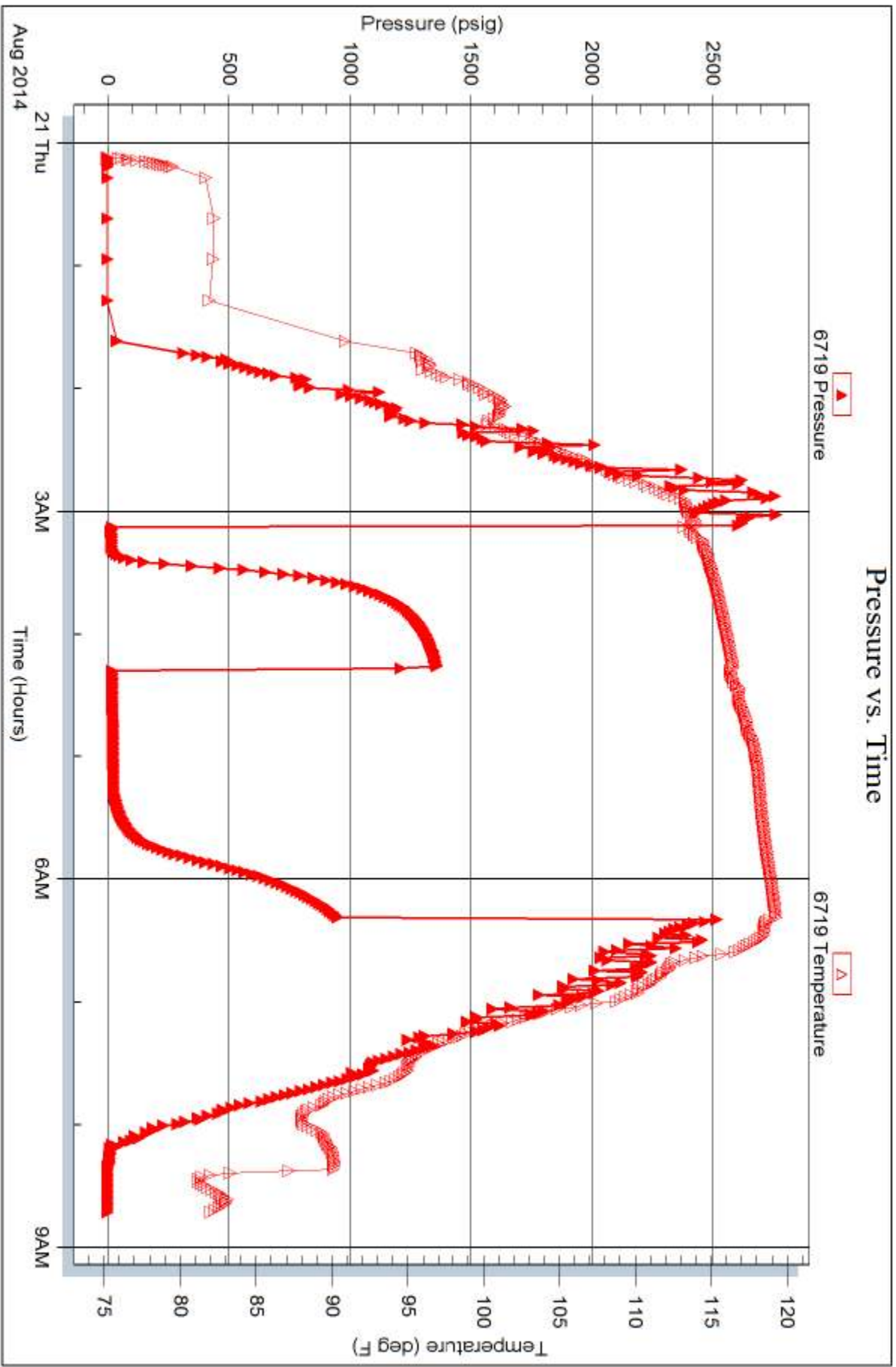


Serial #: 6719

Outside McCoy Petroleum Corporation

MTRC 'A' #3-27

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54133

Well Name & No. MTPRC 'A' # 3-27 Test No. 1 Date 8/20/14
 Company McCoy Petroleum Corporation Elevation 2252 KB 2238 GL
 Address 9342 E Central Wichita, KS. 67206
 Co. Rep / Geo. Zach Wiele (316) 209-0175 Rig Steering Drlg Rig # 5
 Location: Sec. 27 Twp. 30s Rge. 19w Co. Kiowa State KS.

Interval Tested 5086 - 5131 Zone Tested Mississippi
 Anchor Length 45' Drill Pipe Run 4,777 Mud Wt. 9.3
 Top Packer Depth 5081 Drill Collars Run 300 Vis 53
 Bottom Packer Depth 5086 Wt. Pipe Run 2 WL 9.2
 Total Depth 5131 Chlorides 8,000 ppm System LCM 4#

Blow Description IF: Strong blow. B.O.B in 30 secs.
ISI: No blow.
FF: Strong blow. B.O.B in 10 secs. G.T.S. in 40 mins. Gauged GAS. See GAS Report.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>G.T.S.</u>	<u>G.I.P. (G.T.S.)</u>	<u>100%</u>			
<u>20'</u>	<u>Drlg mud Trc/w & Trc/o</u>				<u>100%</u>
<u>60'</u>	<u>G.O.W.C.M</u>	<u>6%</u>	<u>1%</u>	<u>1%</u>	<u>(92) 92%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

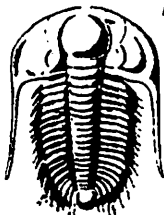
Rec Total 80' BHT 121° Gravity N.A. API RW N.C. @ — °F Chlorides 8,000 ppm

(A) Initial Hydrostatic 2616 Test 1350 T-On Location 0615
 (B) First Initial Flow 39 Jars 250 T-Started 0629
 (C) First Final Flow 45 Safety Joint 75 T-Open 0847
 (D) Initial Shut-In 1239 Circ Sub _____ T-Pulled 1324
 (E) Second Initial Flow 34 Hourly Standby _____ T-Out 1612
 (F) Second Final Flow 55 Mileage 1037 159.65 Comments _____
 (G) Final Shut-In 898 Sampler _____
 (H) Final Hydrostatic 2579 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 90
 Final Shut-In 120

Sub Total 1834.65 Total 1834.65 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

McCoy Petr. Corp. OPERATOR

Steering #5

MTPRC 'A' # 3-27

8/20/14

WELL NAME AND NO.

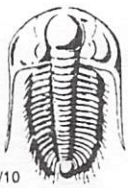
DST NO. 1

IF: 1 st Flow				FF: 2 nd Flow (90mins) MERLA GAUGE				
Min.	Ins. of Water PSIG	Orifice Size	CFID	Min.	Ins. of Water PSIG	Orifice Size	mCFD	Atm's 2000
X				40	G.T.S.			
				50	2 [#] psi	1/4"	24.5	26.0
				60	2 1/2 [#] psi	1/4"	25.2	26.8
				70	3 [#] psi	1/4"	25.9	27.6
				80	3 [#] psi	1/4"	25.9	27.6
				90	3 [#] psi	1/4"	25.9	27.6

* Remarks:

Didn't carry 15[#] psi.

Matthew J. Smith



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54134

Well Name & No. MTPRC 'A' # 3-27 Test No. 2 Date 8/20/14
 Company McCoy Petroleum Corporation Elevation 2251 KB 2238 GL
 Address 9342 E Central Wichita, KS. 67206
 Co. Rep / Geo. Zach Wroble Rig Skelling Delg Rig # 5
 Location: Sec. 27 Twp. 30s Rge. 19W Co. Krowa State KS.

Interval Tested 5131 - 5146 Zone Tested Mississippi
 Anchor Length 15' Drill Pipe Run 4,809' Mud Wt. 9.3
 Top Packer Depth 5126 Drill Collars Run 300 Vis 53
 Bottom Packer Depth 5131 Wt. Pipe Run Q WL 9.2
 Total Depth 5146 Chlorides 8,000 ppm System LCM 4th

Blow Description IF! Weak blow. Surfs, ~ 1/4".
ISI: No blow.
FF: No blow.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Delg mud</u>				<u>100%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 118° Gravity N.A. API RW N.C @ — °F Chlorides 8,000 ppm

(A) Initial Hydrostatic <u>2645</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>2339</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0006</u>
(C) First Final Flow <u>16</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0310</u>
(D) Initial Shut-In <u>1359</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0620</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0843</u>
(F) Second Final Flow <u>25</u>	<input checked="" type="checkbox"/> Mileage <u>1034</u> → <u>159.65</u>	Comments
(G) Final Shut-In <u>948</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2478</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

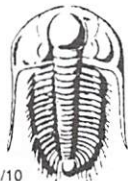
Initial Open 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 0
 Total 1834.65
 MP/DST Disc't

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54135

4/10

Well Name & No.	MTPRC 'A' # 3-27		Test No.	—	Date	8/20/14
Company	McCoy Petroleum Corporation		Elevation	2251	KB	2238 GL
Address	9342 E Central WICHITA, KS: 67206					
Co. Rep / Geo.	Zack Wirele		Rig	Sterling Rig #5		
Location: Sec.	27	Twp.	30 S	Rge.	19 W	Co. KnowlA State KS.

Interval Tested	Zone Tested	
Anchor Length	Drill Pipe Run	Mud Wt.
Top Packer Depth	Drill Collars Run	Vis
Bottom Packer Depth	Wt. Pipe Run	WL
Total Depth	Chlorides	ppm System LCM
Blow Description		

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic	<input type="checkbox"/> Test	T-On Location
(B) First Initial Flow	<input type="checkbox"/> Jars	T-Started
(C) First Final Flow	<input type="checkbox"/> Safety Joint	T-Open
(D) Initial Shut-In	<input type="checkbox"/> Circ Sub	T-Pulled
(E) Second Initial Flow	<input type="checkbox"/> Hourly Standby	T-Out
(F) Second Final Flow	<input checked="" type="checkbox"/> Mileage <u>1030</u> <u>159.65</u>	Comments * adjusted KB + GL on this test they had wrong #5 in dog house
(G) Final Shut-In	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In	<input type="checkbox"/> Extra Packer	Sub Total 0
Final Flow	<input type="checkbox"/> Extra Recorder	Total 159.65
Final Shut-In	<input type="checkbox"/> Day Standby	MP/DST Disc't
	<input type="checkbox"/> Accessibility	
	Sub Total 159.65	

Approved By _____ Our Representative Matthew A. Smith

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer McCoy Petroleum Corporation	Lease No.	Date 8-15-14			
Lease MTPRC "A"	Well # 3-27				
Field Order # 10,712	Station Pratt, Kansas	Casing 13 3/8	Depth 263 Feet	County K Iowa	State Kansas
Type Job C.N.W.- Conductor	Formation	Legal Description 27-305-19W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size 54.5 Lb./Ft.	Shots/Ft 250	Acid sacks 60/40 Poz with	Pre Pad 38 Calcium Chloride, 25 Lb./St.	Max RATE	PRESS	ISIP	
Depth 263 Feet	Depth	From	To 286	Pad 14.8 Lb./Gal.	Min 3.18 Gal/St.	1.21		5 Min cell flate
Volume 40.6 Bbl.	Volume	From	To	Flac	Avg		10 Min U.F.T./St.	
Max Press 250 P.S.I.	Max Press	From	To	HHP Used		15 Min.		
Well Connection Swedge and Valve	Annulus Vol.	From	To	Gas Volume		Annulus Pressure		
Plug Depth 253 feet	Packer Depth	From	To	Flush 39 Bbl. Fresh water	Total Load			

Customer Representative Billy	Station Manager Kevin Gordley	Treater Clarence R. Messick		
Service Units 37,216	19,926	20,920	19,831	19,862
Driver Names Messick	Egging	Phye		

Time A.M.	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
2:45					Truck on location and hold safety meeting
3:15					Sterling Drilling start to run 6 Joints new 54.5 Lb./Ft. 13 3/8 Casing.
5:40					Casing in well. Circulate for 5 minutes.
5:48	100			5	Start Fresh water Pre-Flush.
5:48			10	5	Start Mixing 250 sacks cement.
5:48	200		64	5	Start Fresh water Displacement.
6:10	100		103		Plug down. Shut in well. Did not circulate cement.
6:30					order 1" cement
6:40					wash up pump truck
10:00					cement on location. run 3 Joints 1" tubing. Cement down 35 Feet From top of conductor pipe
10:15		0		3	start mixing common cement (Neat)
10:40			28		cement circulated to surface. Pull 1" tubing out of well and wash up pump truck.
11:00					Job Complete. Thank You. Clarence, Pat, Dale

Cement Report

Customer <i>McLoy Pet Corp</i>	Lease No.	Date <i>8/16/14</i>
Lease <i>MTPRO "A"</i>	Well # <i>3-27</i>	Service Receipt <i>1717-05923</i>
Casing <i>8 5/8 24#</i>	Depth <i>652 ft</i>	County <i>kiowa</i>
Job Type <i>Surface</i>	Formation	State <i>KS</i>
		Legal Description <i>27-30-19</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8 24#</i>	Tubing Size	Shots/Ft		Lead <i>175 sc Acow Blend @ 12 #</i>
Depth <i>652 ft</i>	Depth	From	To	
Volume <i>38.78 BBL</i>	Volume	From	To	<i>2.47 @ 15/sc 14.4 gal/sc</i>
Max Press <i>2000 psi</i>	Max Press	From	To	Tail in <i>175 sc 60/40 POC @ 14.8 #</i>
Well Connection <i>PC</i>	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	<i>1.21 @ 15/sc 5.18 gal/sc</i>

1/15

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>21:50</i>					<i>On location / Spot in</i>
<i>00:20</i>					<i>Safety Mtg</i>
<i>00:30</i>					<i>Rig up</i>
<i>00:40</i>					<i>Pressure test to 2000 psi</i>
<i>00:42</i>	<i>270 psi</i>		<i>76.98 BBL</i>	<i>5.1 BPM</i>	<i>Start head cement</i>
<i>1:12</i>	<i>310 psi</i>		<i>37.71 BBL</i>	<i>5.3 BPM</i>	<i>Start Tail cement</i>
<i>1:18</i>			<i>96 HL gone</i>		<i>Start Seeing Cement Returns</i>
<i>1:24</i>			<i>114.69 HL Slurry</i>		<i>Shut down / Drop Plug</i>
<i>1:26</i>	<i>300 psi</i>			<i>5 BPM</i>	<i>Start Disp / Wash on Plug</i>
<i>1:35</i>	<i>280 psi</i>		<i>28 BBL gone</i>	<i>2 BPM</i>	<i>Slow Rate</i>
<i>1:42</i>	<i>350 psi</i>				<i>Landed Plug</i>
<i>1:42</i>	<i>1220</i>				<i>Pressured upon Plug</i>
<i>1:44</i>					<i>Released Back</i>
					<i>Plug held</i>
					<i>Job Complete</i>

Service Units	<i>86573</i>	<i>38111/19919</i>	<i>33021/14284</i>		
Driver Names	<i>Tommy Marcelles</i>	<i>Chad Hinz</i>	<i>Victor Vasquez</i>		

Billy Bortz
Customer Representative

Jerry Bennett
Station Manager

Tommy Marcelles
Cementer



BASIC energy services, L.P.

TREATMENT REPORT

Customer <i>McCoy Pet. COPP</i>	Lease No.	Date <i>8-22-14</i>
Lease <i>MT PR C 'A'</i>	Well # <i>3-27</i>	
Field Order # <i>11046</i>	Station <i>Pratt</i>	Casing <i>4 1/2</i>
Type Job <i>CN W Long string</i>	Formation	Depth
		County <i>Kiowa</i>
		State <i>KS</i>
		Legal Description <i>27-30-19</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>				Pre Pad	Max		5 Min.	
Depth <i>5226</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>82</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>5184</i>	Packer Depth	From	To					

Customer Representative <i>Calvin</i>	Station Manager <i>Kevin</i>	Treater <i>JOE</i>
--	---------------------------------	-----------------------

Service Units	<i>77686</i>	<i>19905</i>	<i>19959</i>	<i>73768</i>	<i>28443</i>	<i>X-Hand</i>
Driver Names	<i>Mike</i>	<i>Aaron</i>			<i>JOE</i>	<i>Aaron</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1200</i>					<i>on Loc/safety meeting</i>
					<i>Run 124 JTS of 4 1/2 csg 10.5#</i>
					<i>cen. on 1-3-5-7</i>
<i>1215</i>					<i>Start Running csg</i>
<i>1315</i>					<i>Circ 1/2 way in</i>
<i>1455</i>					<i>csg on BOTTOM / circ with Rig</i>
<i>1555</i>					<i>Hook up to Pump TRK start JOB</i>
<i>1555</i>	<i>100</i>		<i>5</i>	<i>6</i>	<i>H2O spacer</i>
			<i>10</i>	<i>6</i>	<i>STOP LOSS spacer</i>
			<i>5</i>	<i>6</i>	<i>H2O spacer</i>
	<i>400</i>		<i>38</i>	<i>6</i>	<i>mix 150 SK of AA2 cement @ 15#</i>
			<i>0</i>	<i>0</i>	<i>shut down clear Pump & Lines</i>
			<i>0</i>	<i>6</i>	<i>Release Plug start H2O DISP</i>
	<i>500</i>		<i>60</i>	<i>0</i>	<i>LIST PSI</i>
	<i>500</i>		<i>72</i>	<i>4.5</i>	<i>Slow Rate</i>
<i>1630</i>	<i>1500</i>		<i>82</i>	<i>0</i>	<i>Plug Down</i>
					<i>Plug RH & MH</i>
					<i>JOB COMPLETE</i>
					<i>Thank You JOE</i>