Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1234105

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 # 5003
Name: McCoy Petroleum Corporation
Address 1: 9342 E CENTRAL
Address 2:
City: WICHITA State: KS Zip: 67206 + 2573
Contact Person: Scott Hampel
Phone: (316) 636-2737
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Zach Wiele
Purchaser: MVPurchasing

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 #:

10/9/2014	10/18/2014	11/20/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21809-00-00
Spot Description: N2 SW SE
_ N2 _ SW _ SE Sec. 15 Twp. 30 S. R. 19 ☐ East ☑ West
990 Feet from ☐ North / ☑ South Line of Section
1980 Feet from ☑ East / ☐ West Line of Section

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

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Kiowa
Lease Name: SEALEY "A" Well #: #1-15
Field Name: Alford
Producing Formation: Mississippian
Elevation: Ground: 2264 Kelly Bushing: 2273
Total Vertical Depth: 5225 Plug Back Total Depth: 5182
Amount of Surface Pipe Set and Cemented at: 252 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: 44000 ppm Fluid volume: 1800 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Toto Energy, Inc.
Lease Name: McCLAREN #2 SWDW License #: 34886
Quarter SE Sec. 5 Twp. 30 S. R. 18 ☐ East ☑ West
County: Kiowa Permit #: D-31141

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: 12/08/2014
☑ **Confidential Release Date:** 12/07/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 12/08/2014

[redacted] 1234105

Operator Name: McCoy Petroleum Corporation Lease Name: SEALEY "A" Well #: #1-15

Sec. 15 Twp. 30 S. R. 19 ☐ East ☑ West County: Kiowa

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Weatherford: Array Induction, Density/Neutron, Microlog.
Pioneer: Cement Bond Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name: See Attached Top: Datum:

CASING RECORD ☑ New ☐ 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
Conductor	17.5	13.375	48	252	60/40 Pomix	350	2%Gel, 3%CC, 1/4#/sx CF
Surface	12.25	8.625	23	644	A-Conn	320	3%CC, 1/4#/sx CF
Production	7.875	4.5	10.5	5224	AA-2	175	

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
4	5110-5120' (Spergen)	AC: 1000gals 15% MCA. REAC: 2500gals 20% SGA	5120

TUBING RECORD: Size: 2.375 Set At: 5137 Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 11/20/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	77	0	10		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☑ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
5110-5120'
Mississippian

Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	SEALEY "A" #1-15
Doc ID	1234105

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	17.5	13.375	48	252	60/40 Pomix	350	2%Gel, 3%CC, 1/4#/sx CF
Surface	12.25	8.625	23	644	A-Conn	320	3%CC, 1/4#/sx CF
Production	7.875	4.5	10.5	5224	AA-2	175	

McCoy Petroleum Corporation
SEALEY “A” #1-15
API#: 15-097-21809

ACO-1 Supplemental Information

SAMPLE TOPS
McCoy Petroleum Corp.
Sealey 'A' #1-15
N2 SW SE
990'FSL & 1980'FEL
Sec 15-30s-19w
KB: 2273’

	Depth	Datum
LaCompton B	4007	-1734
Queen Hill	4041	-1768
Heebner	4241	-1968
Toronto	4258	-1985
Douglas	4285	-2012
Brown Lime	4420	-2147
Lansing	4434	-2161
Lansing B	4460	-2187
Lansing F	4558	-2285
Lansing H	4612	-2339
Lansing J	4735	-2462
Stark	4775	-2502
Hushpuckney	4822	-2549
Marmaton	4921	-2648
Pawnee	4964	-2691
Cherokee	5001	-2728
Miss.	5076	-2803
Spergen Pors.	5110	-2837
Warsaw	5142	-2869
RTD	5225	-2952

LOG TOPS
McCoy Petroleum Corp.
Sealey 'A' #1-15
N2 SW SE
990'FSL & 1980'FEL
Sec 15-30s-19w
KB: 2273’

	Depth	Datum
LaCompton B	4006	-1733
Queen Hill	4041	-1768
Heebner	4240	-1967
Toronto	4263	-1990
Douglas	4288	-2015
Brown Lime	4421	-2148
Lansing	4434	-2161
Lansing B	4460	-2187
Lansing F	4558	-2285
Lansing H	4613	-2340
Lansing J	4735	-2462
Stark	4775	-2502
Hushpuckney	4822	-2549
Marmaton	4920	-2647
Pawnee	4962	-2689
Cherokee	5000	-2727
Miss.	5076	-2803
Spergen Pors.	5110	-2837
Warsaw	5140	-2867
LTD	5225	-2952

Natural Gas • Crude Oil
Exploration & Production

McCOY PETROLEUM CORPORATION

Wichita, Kansas

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

Well Name:	Sealey 'A' #1-15		
API:	15-097-21809-00-00		
Location:	Sec. 15 - T30S - R19W, Kiowa County, KS		
License Number:	5003	Region:	Alford South
Spud Date:	Oct 9, 2014	Drilling Completed:	10/18/2014
Surface Coordinates:	N2 SW SE 990' FSL & 1980' FEL		
Bottom Hole Coordinates:			
Ground Elevation (ft):	2264'	K.B. Elevation (ft):	2273'
Logged Interval (ft):	648' To: 5225'	Total Depth (ft):	RTD: 5225' LTD: 5225'
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 9:00 am on 10/09/14

1st Surface Casing String:
Spud at 9:00 am on 10/09/14. Drilled 17-1/2" hole to 255'. Ran 7 joints of 48# ; 13-3/8" surface casing. Tallied 240.94'', set at 252' KB). Strapped guide shoe and bottom 3 joints. Welded collars on 4 joints. Cemented with 350 sks 60/40 POZ; 2% Gel; 3% CC; 1/4# CF. Plug down at 5:30 pm on 10/09/14. Cement did circulate. Basic Energy Svcs cementing ticket #11213.

2nd Casing String:
Drilled 12-1/4" hole to 648'. Ran 15 joints of new 23# 8-5/8" surface casing. Tallied 644.39'. Landed at 644' KB. Strapped guide shoe and bottom 3 joints. Tacked collars on all, then welded collar on top 3 joints. Cemented with 170 sks A-Conn; 3% CC, 1/4# CF and tailed with 150 sks 60/40 POZ; 2% Gel, 3% CC, 1/4# CF. Cement did circulate. Basket at 222' KB. Basic Energy Svcs Cementing # 11214. Plug down at 3:00 pm on 10/10/14.
Day 3:10/10/14
"Drilling 12-1/4" hole at 490' at 7 am. Drilled 490' in 24 hours.
Ran 6.25 Hours, Down 17.75 hours
(1.00 Rig up, 1.00 Set RH/MH, .50 repairs, 2.75 Jet & Conn, .75 Survey/CTCH/Wiper trip, .50 Trip out, 3.00 Run/Cement 13-3/8'' csg,8.00 WOC, .25 Drill cement plug).

Deviation Surveys Taken: @ 255' = 3/4 Degree; @ 648' = 1 1/2 Degree; @ 5132' = 1/2 Degree; @ 5225' = 3/4 Degree

DRILL STEM TEST

DST #1
Interval: 5081' - 5132' Times: 5'' - 60'' - 90'' - 120''
IF: BOB in 5 sec ISI: No Blow Back
FF: GTS/ 3.5'' FSI: Wk-Fair Blow increas to 5 in

Rec: 125' GMCO (46%g, 12%m, 42%o)
190' GMCO (30%g, 34%m, 36%o)

Pressure:
HS: 2676 - 2648
FP: 54 - 61
SIP: 1090 - 962 #

Gauge: mcf/d
10'' = 27.6 20'' = 27.630'' = 28.4
40'' = 28.450'' = 27.660'' = 26
70'' = 2680'' = 26 90'' = 24.4

ROCK TYPES

LITHOLOGY


Char-grn sh

Anhy

Brec

Cht

Clyst

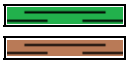
Dol

Gyp

Lmst

Drk gry sh

Ss

Congl

Blk carb sh

Grn sh

Brn sh

Red sh

Gry sh

TEXTURE


Boundst

Chalky

CryxIn

Earthy

FinexIn

GrainSt

Lithogr

MicroxIn

Mudst

Packst

Wackest

OIL SHOW

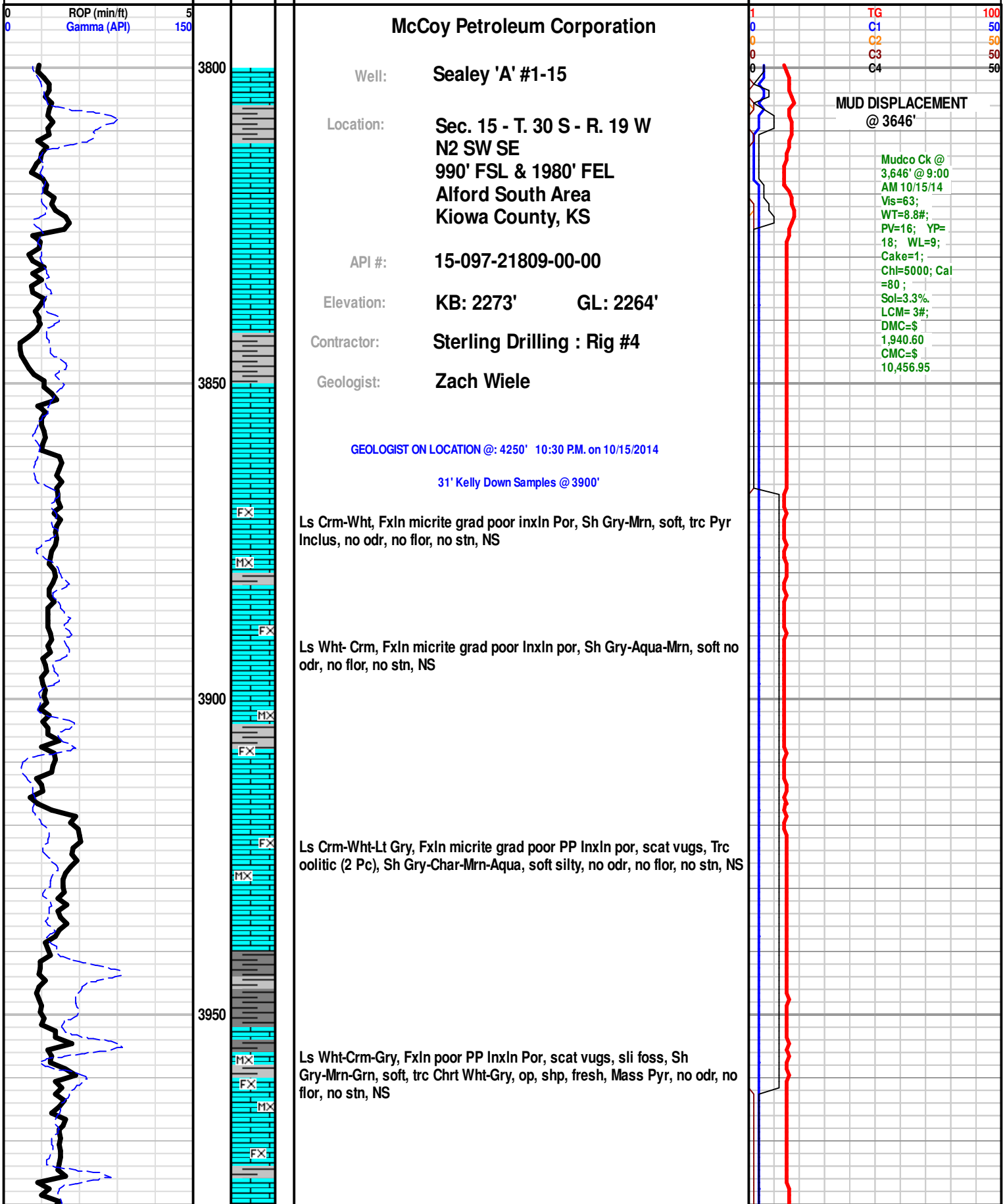

Even

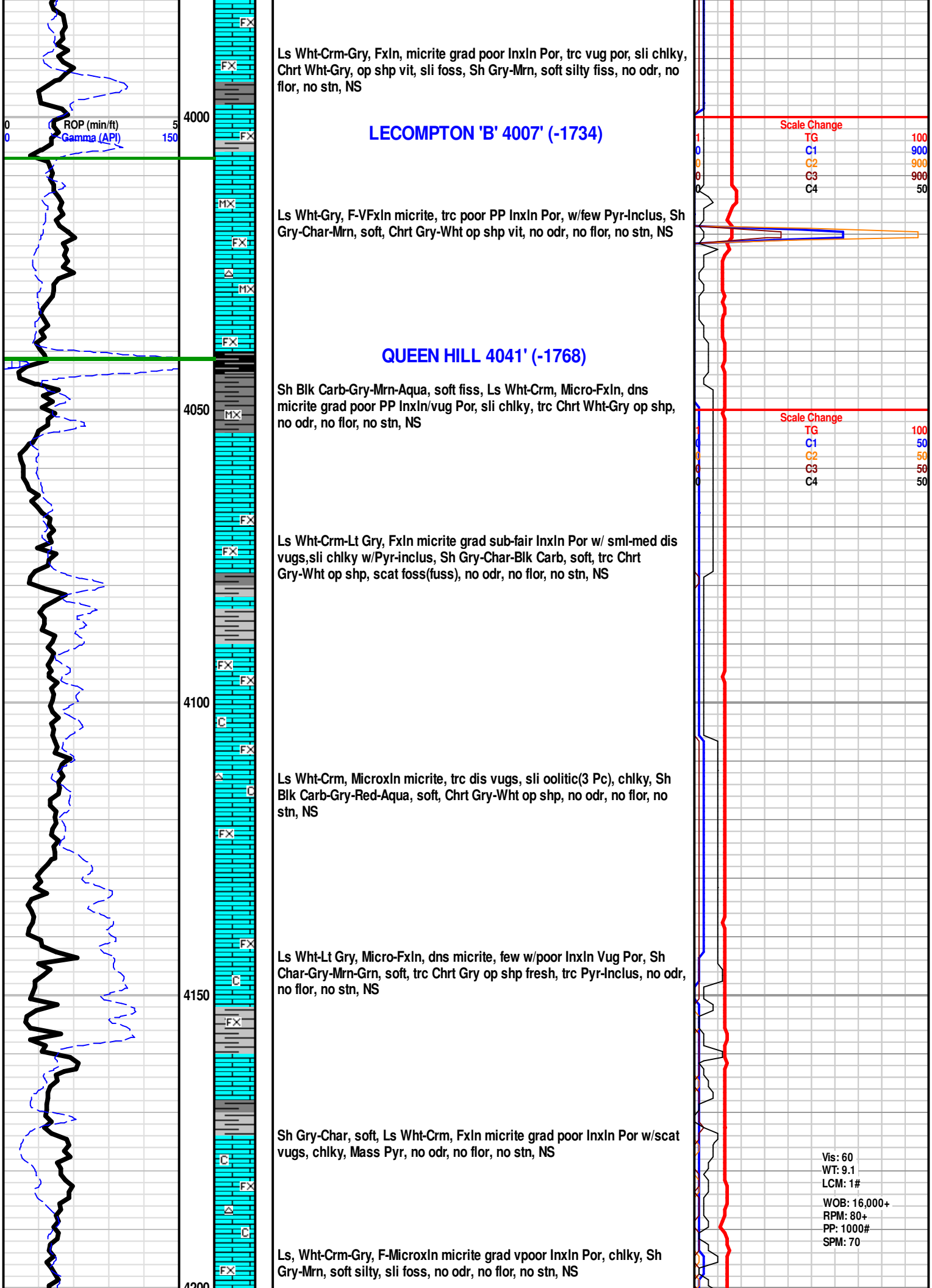
Spotted

Ques

Gas

Dead


Sealey 'A' #1-15
ROP (min/ft)
Gamma (API)
Depth
Lithology
Oil Shows
Geological Descriptions
TG, C1-C5
TG
C1
C2
C3
C4
0 ROP (min/ft) 5
0 Gamma (API) 150
1 TG 100
0 C1 50
0 C2 50
0 C3 50
0 C4 50
3800
3850
3900
3950
FX
MX
McCoy Petroleum Corporation
Well: Sealey 'A' #1-15
Location: Sec. 15 - T. 30 S - R. 19 W
N2 SW SE
990' FSL & 1980' FEL
Alford South Area
Kiowa County, KS
API #: 15-097-21809-00-00
Elevation: KB: 2273' GL: 2264'
Contractor: Sterling Drilling : Rig #4
Geologist: Zach Wiele
GEOLOGIST ON LOCATION @: 4250' 10:30 P.M. on 10/15/2014
31' Kelly Down Samples @ 3900'
Ls Crm-Wht, FxIn micrite grad poor inxln Por, Sh Gry-Mrn, soft, trc Pyr Inclus, no odr, no flor, no stn, NS
Ls Wht- Crm, FxIn micrite grad poor Inxln por, Sh Gry-Aqua-Mrn, soft no odr, no flor, no stn, NS
Ls Crm-Wht-Lt Gry, FxIn micrite grad poor PP Inxln por, scat vugs, Trc oolitic (2 Pc), Sh Gry-Char-Mrn-Aqua, soft silty, no odr, no flor, no stn, NS
Ls Wht-Crm-Gry, FxIn poor PP Inxln Por, scat vugs, sli foss, Sh Gry-Mrn-Grn, soft, trc Chrt Wht-Gry, op, shp, fresh, Mass Pyr, no odr, no flor, no stn, NS
MUD DISPLACEMENT
@ 3646'
Mudco Ck @ 3,646' @ 9:00 AM 10/15/14
Vis=63;
WT=8.8#;
PV=16; YP= 18; WL=9;
Cake=1;
Chl=5000; Cal =80 ;
Sol=3.3%.
LCM= 3#;
DMC=$ 1,940.60
CMC=$ 10,456.95



Ls Wht-Crm-Gry, Fxln, micrite grad poor Inxln Por, trc vug por, sli chlky, Chrt Wht-Gry, op shp vit, sli foss, Sh Gry-Mrn, soft silty fiss, no odr, no flor, no stn, NS

LECOMPTON 'B' 4007' (-1734)

Ls Wht-Gry, F-VFxln micrite, trc poor PP Inxln Por, w/few Pyr-Inclus, Sh Gry-Char-Mrn, soft, Chrt Gry-Wht op shp vit, no odr, no flor, no stn, NS

QUEEN HILL 4041' (-1768)

Sh Blk Carb-Gry-Mrn-Aqua, soft fiss, Ls Wht-Crm, Micro-Fxln, dns micrite grad poor PP Inxln/vug Por, sli chlky, trc Chrt Wht-Gry op shp, no odr, no flor, no stn, NS

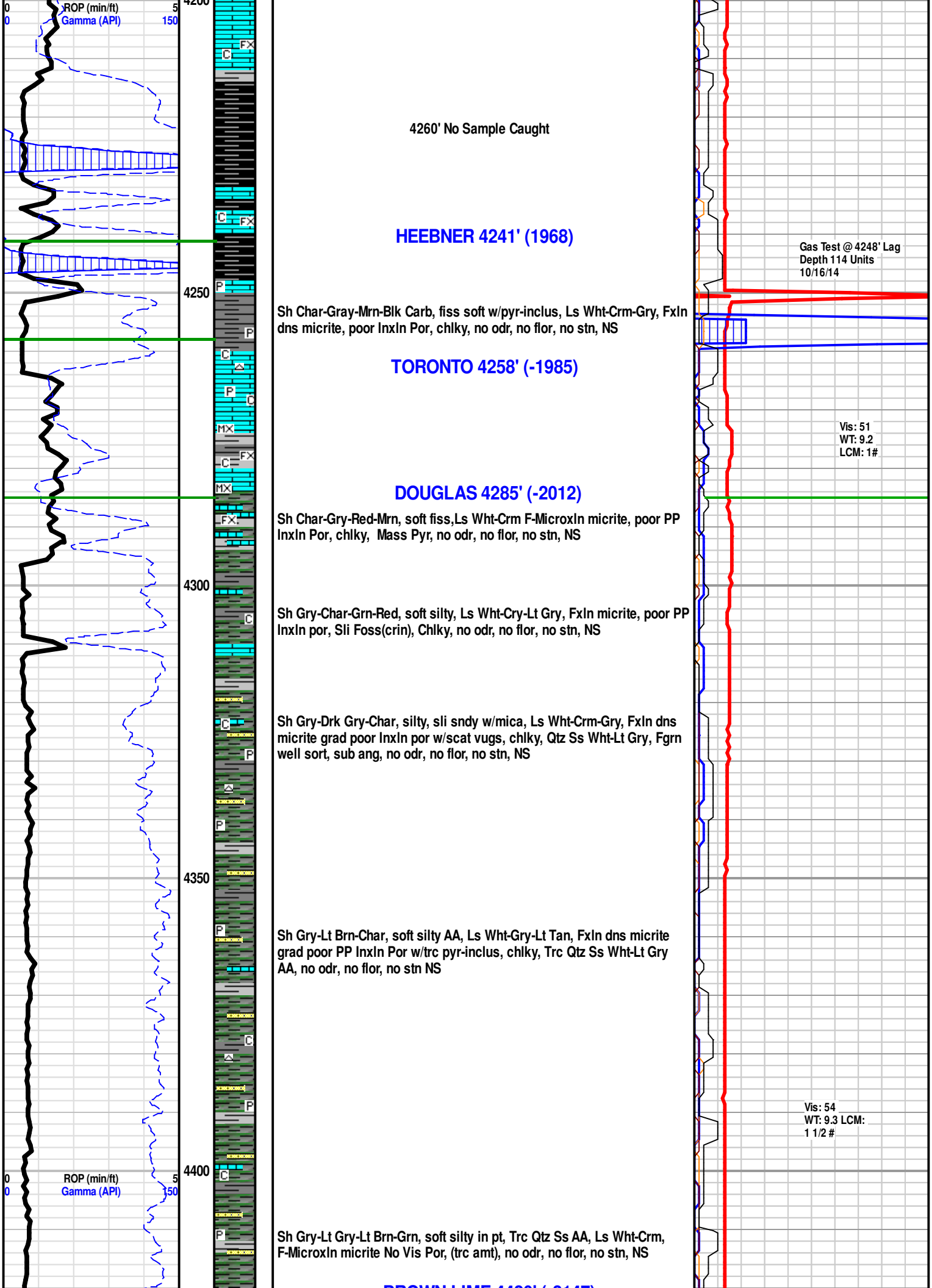
Ls Wht-Crm-Lt Gry, Fxln micrite grad sub-fair Inxln Por w/ sml-med dis vugs,sli chlky w/Pyr-inclus, Sh Gry-Char-Blk Carb, soft, trc Chrt Gry-Wht op shp, scat foss(fuss), no odr, no flor, no stn, NS

Ls Wht-Crm, Microxln micrite, trc dis vugs, sli oolitic(3 Pc), chlky, Sh Blk Carb-Gry-Red-Aqua, soft, Chrt Gry-Wht op shp, no odr, no flor, no stn, NS

Ls Wht-Lt Gry, Micro-Fxln, dns micrite, few w/poor Inxln Vug Por, Sh Char-Gry-Mrn-Grn, soft, trc Chrt Gry op shp fresh, trc Pyr-Inclus, no odr, no flor, no stn, NS

Sh Gry-Char, soft, Ls Wht-Crm, Fxln micrite grad poor Inxln Por w/scat vugs, chlky, Mass Pyr, no odr, no flor, no stn, NS

Ls, Wht-Crm-Gry, F-Microxln micrite grad vpoor Inxln Por, chlky, Sh Gry-Mrn, soft silty, sli foss, no odr, no flor, no stn, NS



4260' No Sample Caught

HEEBNER 4241' (1968)

Gas Test @ 4248' Lag Depth 114 Units 10/16/14

Sh Char-Gray-Mrn-Blk Carb, fiss soft w/pyr-inclus, Ls Wht-Crm-Gry, Fxln dns micrite, poor Inxln Por, chlky, no odr, no flor, no stn, NS

TORONTO 4258' (-1985)

Vis: 51
WT: 9.2
LCM: 1#

DOUGLAS 4285' (-2012)

Sh Char-Gry-Red-Mrn, soft fiss,Ls Wht-Crm F-Microxln micrite, poor PP Inxln Por, chlky, Mass Pyr, no odr, no flor, no stn, NS

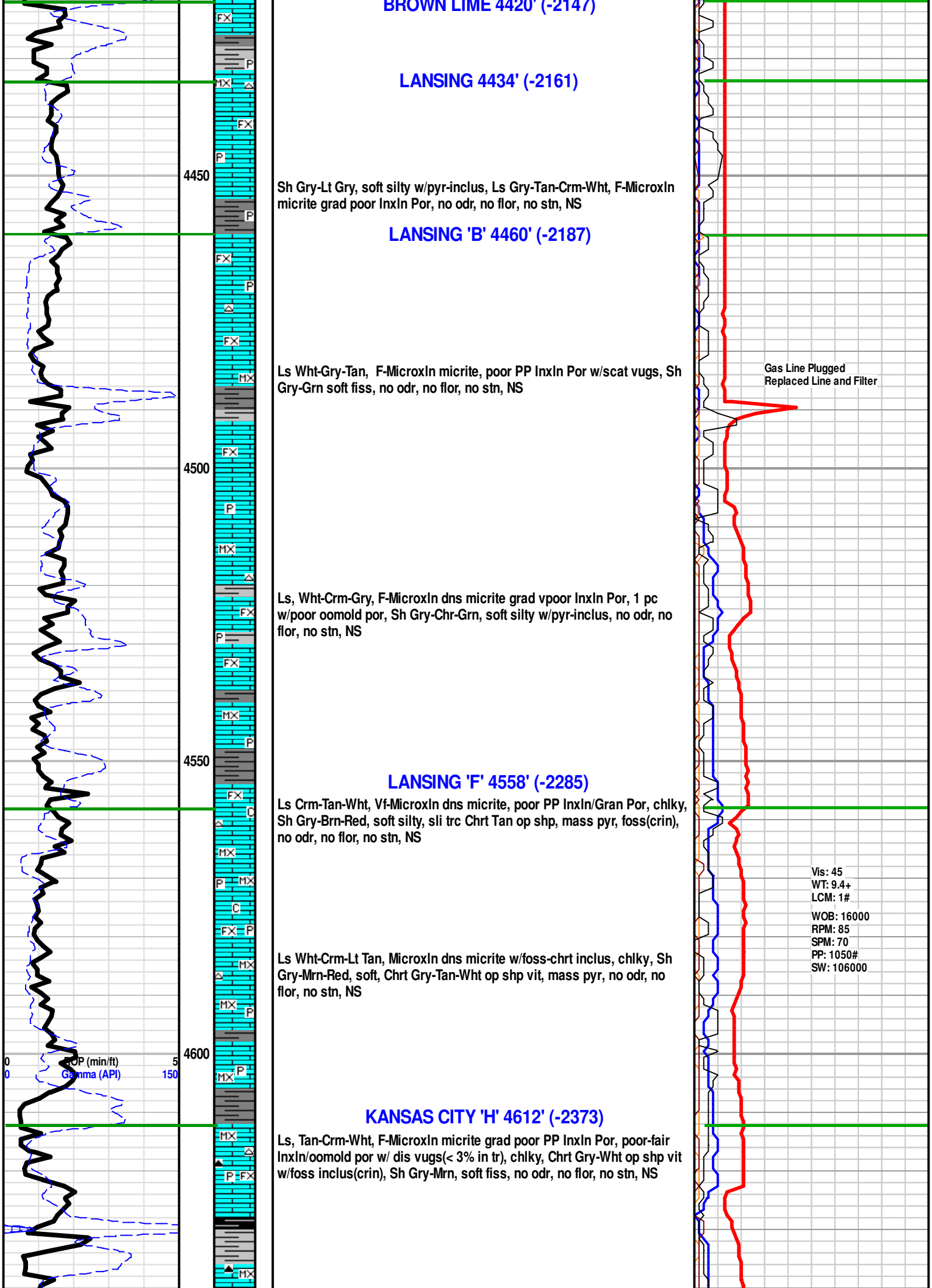
Sh Gry-Char-Grn-Red, soft silty, Ls Wht-Cry-Lt Gry, Fxln micrite, poor PP Inxln por, Sli Foss(crin), Chlky, no odr, no flor, no stn, NS

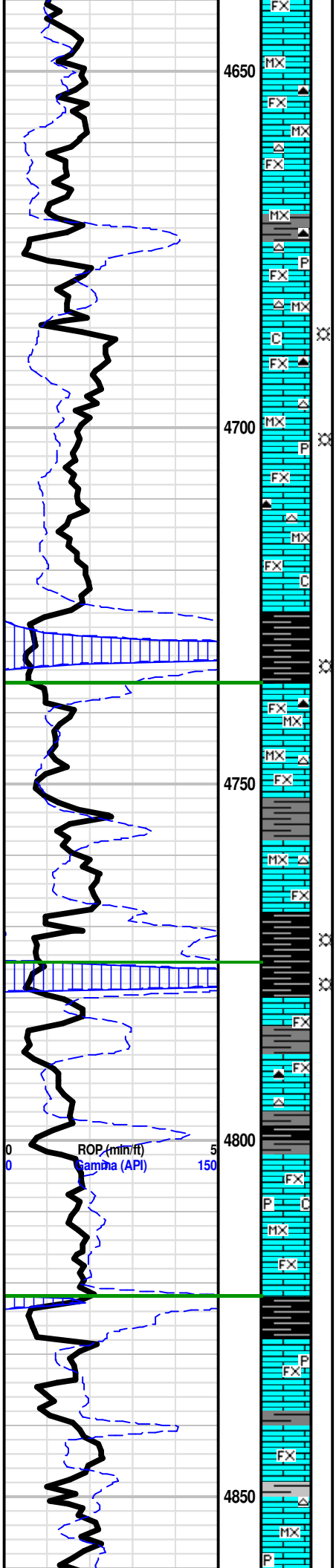
Sh Gry-Drk Gry-Char, silty, sli sndy w/mica, Ls Wht-Crm-Gry, Fxln dns micrite grad poor Inxln por w/scat vugs, chlky, Qtz Ss Wht-Lt Gry, Fgrn well sort, sub ang, no odr, no flor, no stn, NS

Sh Gry-Lt Brn-Char, soft silty AA, Ls Wht-Gry-Lt Tan, Fxln dns micrite grad poor PP Inxln Por w/trc pyr-inclus, chlky, Trc Qtz Ss Wht-Lt Gry AA, no odr, no flor, no stn NS

Vis: 54
WT: 9.3 LCM:
1 1/2 #

Sh Gry-Lt Gry-Lt Brn-Grn, soft silty in pt, Trc Qtz Ss AA, Ls Wht-Crm, F-Microxln micrite No Vis Por, (trc amt), no odr, no flor, no stn, NS


BROWN LIME 4420' (-2147)
LANSING 4434' (-2161)
4450
Sh Gry-Lt Gry, soft silty w/pyr-inclus, Ls Gry-Tan-Crm-Wht, F-MicroxIn micrite grad poor InxIn Por, no odr, no flor, no stn, NS
LANSING 'B' 4460' (-2187)
Ls Wht-Gry-Tan, F-MicroxIn micrite, poor PP InxIn Por w/scat vugs, Sh Gry-Grn soft fiss, no odr, no flor, no stn, NS
Gas Line Plugged
Replaced Line and Filter
4500
Ls, Wht-Crm-Gry, F-MicroxIn dns micrite grad vpoor InxIn Por, 1 pc w/poor oomold por, Sh Gry-Chr-Grn, soft silty w/pyr-inclus, no odr, no flor, no stn, NS
4550
LANSING 'F' 4558' (-2285)
Ls Crm-Tan-Wht, Vf-MicroxIn dns micrite, poor PP InxIn/Gran Por, chlky, Sh Gry-Brn-Red, soft silty, sli trc Chrt Tan op shp, mass pyr, foss(crin), no odr, no flor, no stn, NS
Vis: 45
WT: 9.4+
LCM: 1#
WOB: 16000
RPM: 85
SPM: 70
PP: 1050#
SW: 106000
Ls Wht-Crm-Lt Tan, MicroxIn dns micrite w/foss-chrt inclus, chlky, Sh Gry-Mrn-Red, soft, Chrt Gry-Tan-Wht op shp vit, mass pyr, no odr, no flor, no stn, NS
4600
0
0
ROP (min/ft)
Gamma (API)
5
150
KANSAS CITY 'H' 4612' (-2373)
Ls, Tan-Crm-Wht, F-MicroxIn micrite grad poor PP InxIn Por, poor-fair InxIn/oomold por w/ dis vugs(< 3% in tr), chlky, Chrt Gry-Wht op shp vit w/foss inclus(crin), Sh Gry-Mrn, soft fiss, no odr, no flor, no stn, NS



Ls Crm-Lt Tan-Wht, Fxln micrite grad poor Inxln Por, Trc poor oomold/vug por, (2 pc w/good oomold dis vug por) sli pyr inclus, chlky, Sh Gry-Lt Brn, soft silty, mass pyr, no odr, no flor, no stn, NS

Ls Wht-Crm-Tan-Gry, Fxln micrite grad poor PP Inxln Por, Oolitic Ls w/ poor-good PP Inxln oomold Por w/ good dis vugs, Abd GB (w/10%HCl), GB Did Flor, Chrt Tan-Wht-Gry translu-op shp vit w/foss inclus(crin), no odr, sli flor, no stn, SGB, NS

Ls Tan-Crm, Micro-Fxln micrite(mainly), poor-fair PP Inxln/Dis Vug Por, w/ foss & chrt inclus, Chrt Tan-Gry-Wht op shp vit w/wht foss inclus, Sh Gry-Char, soft fiss, no odr, no flor, no stn, NS

Ls Crm-Lt Tan, Micro-Fxln dns micrite, Trc poor PP Inxln Por, Sh Gry-Lt Brn-Mrn, soft fiss, Chrt Gry-Tan-Wht, transl-op shp vit, Mass Pyr, no odr, no flor, no stn, NS

Sh Blk Carb(w SSGB)-Gry, fiss, Ls Crm-Wht, VF-Microxln dns micrite, scat pyr inclus, few w/small dis vugs, Chrt AA, no odr, no flor, SGB in Blk Sh

KANSAS CITY 'J' 4735' (-2462)

Sh Blk Carb(w/SGB)-Gry-Char, soft fiss silty, Ls Crm-Gry-Wht, Microxln dns micrite grad poor PP por, Chrt Tan-Wht, trans-op shp vit, no odr, no flor, no stn, NS

Ls Crm-Wht-Lt Gry, F-Microxln dns micrite, no vis pos, Chlky, Sh Char-Gry-Grn-Red, fiss silty, Chrt Gry-Wht Trns-op shp, no odr, no flor, no stn, NS

Ls Crm-Tan-Lt Gry, Microxln dns micrite, sli foss(crin), Chlky, Sh Gry-Aqua-Blk Carb, soft fiss, Chrt AA, no odr, no flor, no stn, NS

STARK 4775' (-2502)

Sh Blk Carb(w/SGB)-Gry, soft fiss, Ls Lt Gry-Wht-Crm, Micro-Fxln Dns Micrite, no odr, no flor, no stn, NS

Ls Wht-Crm-Gry, F-Microxln, dns micrite grad poor PP por, sli trc poor oomold por, scat pyr & foss inclus, Chlky, Sh Blk Carb-Gry-Brn-Grn, fiss w/strks pyr, no odr, no flor, no stn, NS

Sh Gry-Blk Carb, soft fiss, Ls Wht-Gry-Crm, Micro-Fxln, dns micrite, no vis por, Chrt Wht-Gry-Tan op shp vit, no odr, no flor, no stn, NS

Ls Gry-Tan-Crm, VF-Microxln dns micrite, Sh Gry-Grn-Red, soft, Chrt Tan op shp vit, no odr, no flor, no stn, NS

Ls Gry-Tan-Wht, Fxln Micrite grad poor PP Inxln Por, Trc fair PP Inxln sucro por, v fri, Sh Blk Carb-Gry-Grn-Mrn, soft w/pyr & chrt inclus, no odr, no flor, no stn, NS

HUSHPUCKNEY 4822' (-2549)

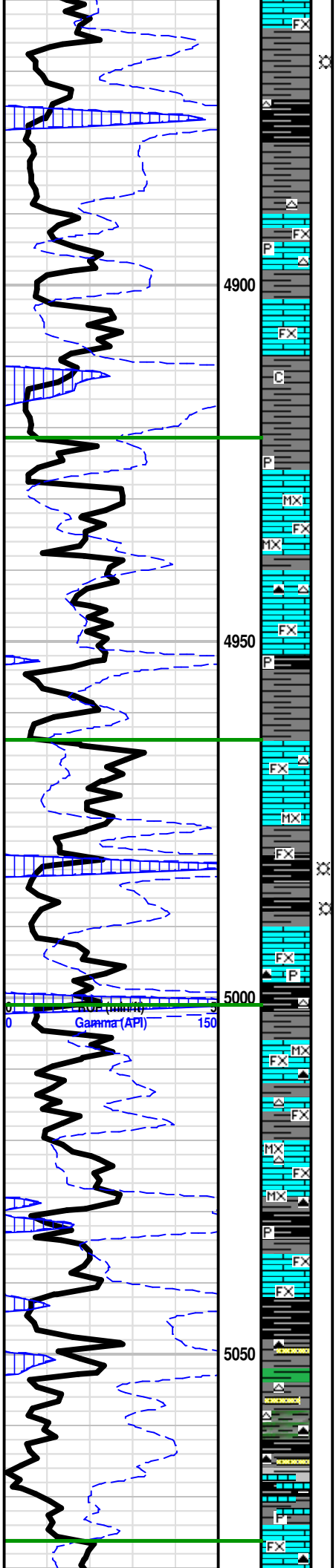
Sh Blk Carb-Gry-Aqua, soft fiss silty, Ls Gry-Crm-Wht, Fxln micrite, Poor Inxln Por w/ silic &pyr inclus, no odr, no flor, no stn, NS

Ls Wht-Tan Gry, Fxln micrite grad poor PP Inxln Por, scat chrt & precipitated grn inclus, Chrt Gry-Wht op shp vit w/foss inclus(crin), Sh Gry-Drk Gry, fiss, no odr, no flor, no stn, NS

Ls Lt Tan-Gry-Wht, Fxln micrite, poor-fair PP Inxln Por w/gd dis vugs devlp, Chrt Gry-Tan op shp vit w/foss inclus, Sh Gry-Grn-Mrn, soft, no

Mudco Ck @ 4653' @ 9:30 AM 10/16/14
Vis=47;
WT=9.4#;
PV=15;
YP= 16;
WL=13.2;
Cake=2;
Chl=9000;
Cal =80 ;
Sol=7.3%.
LCM=
TRC.#;
DMC=$ 2,020.85
CMC=$ 12,477.80

SW: 112,000
WOB: 16-18
RPM: 85-90
SPM: 70
PP: 1030#
Vis: 43
WT: 9.3
LCM: 3#



odr, no flor, no stn, NS

Sh Blk Carb(w/SSGB)-Char-Gry-Grn, soft fiss silty w/pyr inclus, Ls Gry-Lt Tan-Wht, F-Microxln Micrite, poor PP Inxln Por, Chrt Gry op shp vit, no odr, no flor, no stn, NS

Sh Gry-Brn-Grn-Char- soft fiss silty, Ls Crm-Gry, Micro-Fxln dns micrite, Chrt Wht-Gry trans-op shp pitted vit, scat pyr inclus, no odr, no flor, no stn, NS

Sh Gry-Grn-Brn-Aqa, fiss silty, Ls Gry-Lt Tan, Fxln micrite, poor Inxln por w/fair devlp dis vugs, Chrt AA, no odr, no flor, no stn, NS

Ls Crm-Wht-Gry, Fxln, micrite grad poor Inxln Por, Sh Gry-Drk Gry, (abd) fiss, Chrt Wht-Gry Trns-op shp vit, Mass pyr, no odr, no flor, no stn, NS

Ls Gry-Crm-Tan F-Microxln dns micrite, no vis por, Sh Gry-Char-Grn, soft w/pyr inclus, no odr, sli mineral flor, no stn, NS

MARMATON 'B' 4921' (-2648)

Ls Wht-Lt Gry-Crm, Micro-Fxln dns micrite, no vis por, Sh Gry-Grn -Blk Carb, soft fiss silty, scat foss(crin,fuss), no odr, no flor, no stn, NS

Ls Wht-Crm-Gry, Fxln micrite grad poor PP Inxln Por, Sh Gry-Char-Aqua, fiss, Mass Pyr, Scat Chrt w/foss inclus, no odr, no flor, no stn, NS

Ls Tan-Crm, M-Fxln, dns micrite, dns grad poor-fair PP Inxln Por, v frible, sli foss inclus, Sh Gry-Aqua -Red, soft, trc Chrt Wht Trnls-op shp vit, no odr, no flor, no stn, NS

PAWNEE 4964' (-2691)

Ls Wht-Crm, Fxln dns micrite, trc poor devlp dis vugs, Sh Blk Carb-Gry, soft fiss, scat foss, no odr, no flor, no stn, NS

Ls Wht-Crm-Gry, Fxln micrite, poor PP por, Sh Gry-Brn-Red, soft, no odr, no flor, no stn, NS

Sh Blk Carb(w/SSGB)-Gry-Aqua-Red, fiss, Ls Crm-Tan-Gry, F-Microxln dns micrite, vpoor Inxln por, Scat Chrt w/pry & foss inclus, no odr, no flor, no stn, NS

CHEROKEE 5001' (-2728)

Sh Blk Carb-Char-Gry-Grn, soft fiss w/pyr inclus, Ls Gry-Crm-Wht, F-Microxln, poor Inxln por, no odr, no flor, no stn, NS

30" CFS @ 5034" Ls Crm-Gry-Wht, Micro-Fxln w/foss inclus(crin), dns micrite grad poor PP Inxln por, Sh Blk Carb-Gry, soft fiss, no odr, no flor, no stn, NS

60" CFS @ 5034' Sh Blk Carb-Gry-Lt Brn-Mrn, soft fiss, Ls Crm-Tan-Wht, F-Microxln dns micrite, poor Inxln, scat pyr & foss inclus, no odr, no flor, no stn, NS

Sh Blk Carb-Gry-Grn-Brn-Aqua, soft silty, Ls Crm-Tan-Gry, Fxln/Grn w/pyr & foss inclus, poor PP Inxln por, Chrt Gry-Wht op shp vit, no odr, no flor, no stn, NS

Sh Blk Carb-Gry-Grn-Yel-Aqua-Purp, soft silty, Ls Crm-Tan-Gry, Fxln w/Grn pyr & foss inclus, poor PP Inxln por, Chrt Gry-Wht op shp vit, no odr, no flor, no stn, NS

Sh Blk Carb-Gry-Grn-Yel-Aqua-Purp, soft silty w/pyr inclus & banded chrt, Ls Crm-Tan-Gry, Fxln w/Grn pyr & foss inclus, poor PP Inxln por, Chrt Gry-Wht op shp vit, no odr, no flor, no stn, NS

MISSISSIPPIAN 5076' (-2803)

Ls Wht-Crm-Tan, F-Microxln, poor-fair PP Inxln Por, w/pyr & glue inclus

25 Stand Short Trip @ 5034'

CFS 30" & 60"

**** DST #1 ****

5081' - 5132'

Time: 5 - 60 - 90 - 120

IF: BOB in 5 sec

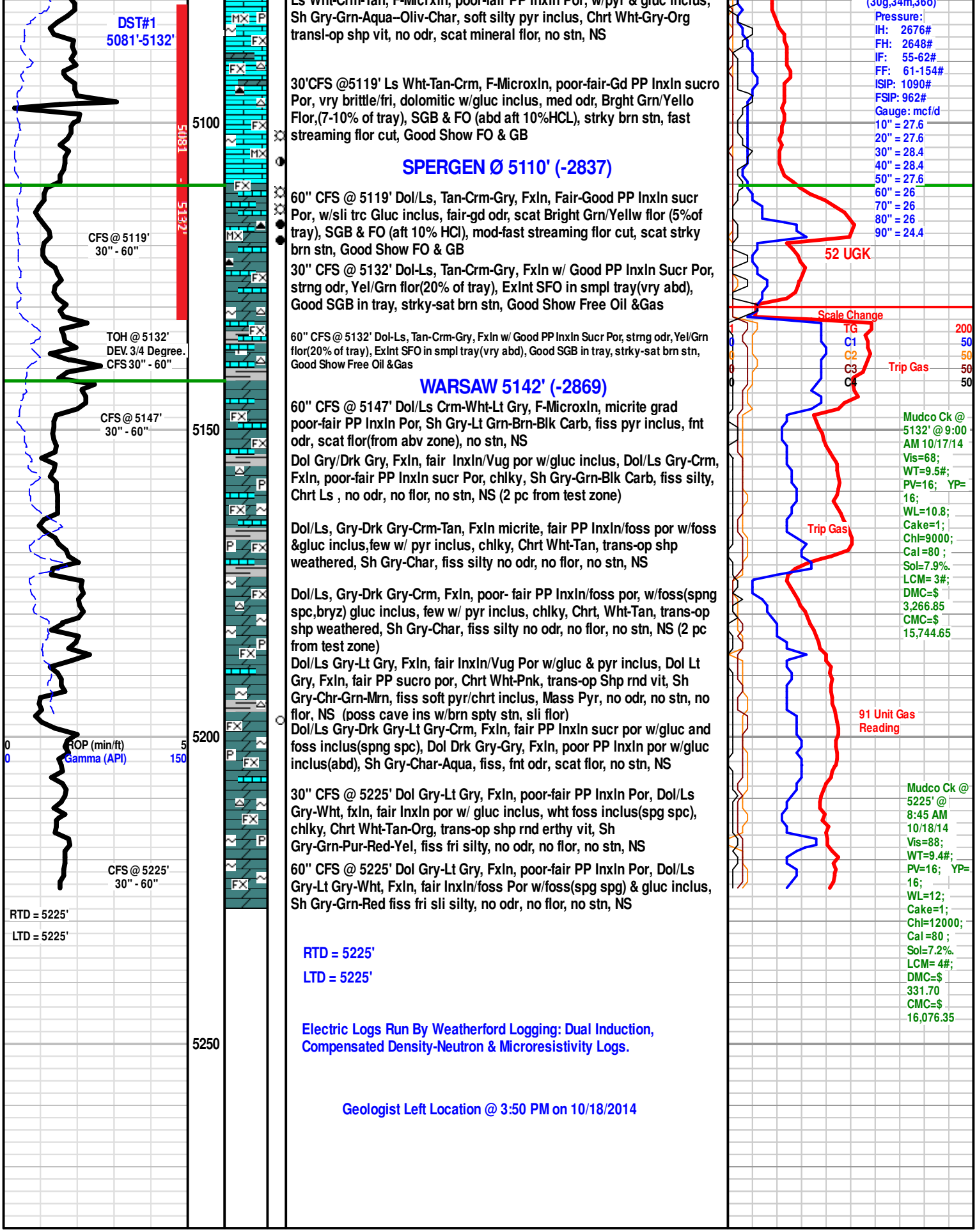
ISI: No Blow Back

FF: GTS/ 3.5 min

FSI: Wk To Fair Blw Increase to 5"

Rec: 125' GMCO (46g,12m,42o)

190' GMCO


DST#1
5081'-5132'
5081 - 5132'
5100
CFS @ 5119'
30" - 60"
TOH @ 5132'
DEV. 3/4 Degree.
CFS 30" - 60"
CFS @ 5147'
30" - 60"
5150
5200
0 ROP (min/ft) 5
0 Gamma (API) 150
CFS @ 5225'
30" - 60"
RTD = 5225'
LTD = 5225'
5250
30'CFS @5119' Ls Wht-Tan-Crm, F-Microxln, poor-fair-Gd PP Inxln sucro Por, vry brittle/fri, dolomitic w/gluc inclus, med odr, Brght Grn/Yello Flor,(7-10% of tray), SGB & FO (abd aft 10%HCL), strky brn stn, fast streaming flor cut, Good Show FO & GB
SPERGEN Ø 5110' (-2837)
60" CFS @ 5119' Dol/Ls, Tan-Crm-Gry, Fxln, Fair-Good PP Inxln sucr Por, w/sli trc Gluc inclus, fair-gd odr, scat Bright Grn/Yellw flor (5%of tray), SGB & FO (aft 10% HCl), mod-fast streaming flor cut, scat strky brn stn, Good Show FO & GB
30" CFS @ 5132' Dol-Ls, Tan-Crm-Gry, Fxln w/ Good PP Inxln Sucr Por, strng odr, Yel/Grn flor(20% of tray), Exlnt SFO in smpl tray(vry abd), Good SGB in tray, strky-sat brn stn, Good Show Free Oil &Gas
60" CFS @ 5132' Dol-Ls, Tan-Crm-Gry, Fxln w/ Good PP Inxln Sucr Por, strng odr, Yel/Grn flor(20% of tray), Exlnt SFO in smpl tray(vry abd), Good SGB in tray, strky-sat brn stn, Good Show Free Oil &Gas
WARSAW 5142' (-2869)
60" CFS @ 5147' Dol/Ls Crm-Wht-Lt Gry, F-Microxln, micrite grad poor-fair PP Inxln Por, Sh Gry-Lt Grn-Brn-Blk Carb, fiss pyr inclus, fnt odr, scat flor(from abv zone), no stn, NS
Dol Gry/Drk Gry, Fxln, fair Inxln/Vug por w/gluc inclus, Dol/Ls Gry-Crm, Fxln, poor-fair PP Inxln sucr Por, chlky, Sh Gry-Grn-Blk Carb, fiss silty, Chrt Ls , no odr, no flor, no stn, NS (2 pc from test zone)
Dol/Ls, Gry-Drk Gry-Crm-Tan, Fxln micrite, fair PP Inxln/foss por w/foss &gluc inclus,few w/ pyr inclus, chlky, Chrt Wht-Tan, trans-op shp weathered, Sh Gry-Char, fiss silty no odr, no flor, no stn, NS
Dol/Ls, Gry-Drk Gry-Crm, Fxln, poor- fair PP Inxln/foss por, w/foss(spng spc,bryz) gluc inclus, few w/ pyr inclus, chlky, Chrt, Wht-Tan, trans-op shp weathered, Sh Gry-Char, fiss silty no odr, no flor, no stn, NS (2 pc from test zone)
Dol/Ls Gry-Lt Gry, Fxln, fair Inxln/Vug Por w/gluc & pyr inclus, Dol Lt Gry, Fxln, fair PP sucro por, Chrt Wht-Pnk, trans-op Shp rnd vit, Sh Gry-Chr-Grn-Mrn, fiss soft pyr/chrt inclus, Mass Pyr, no odr, no stn, no flor, NS (poss cave ins w/brn spty stn, sli flor)
Dol/Ls Gry-Drk Gry-Lt Gry-Crm, Fxln, fair PP Inxln sucr por w/gluc and foss inclus(spng spc), Dol Drk Gry-Gry, Fxln, poor PP Inxln por w/gluc inclus(abd), Sh Gry-Char-Aqua, fiss, fnt odr, scat flor, no stn, NS
30" CFS @ 5225' Dol Gry-Lt Gry, Fxln, poor-fair PP Inxln Por, Dol/Ls Gry-Wht, fxln, fair Inxln por w/ gluc inclus, wht foss inclus(spg spc), chlky, Chrt Wht-Tan-Org, trans-op shp rnd erthy vit, Sh Gry-Grn-Pur-Red-Yel, fiss fri silty, no odr, no flor, no stn, NS
60" CFS @ 5225' Dol Gry-Lt Gry, Fxln, poor-fair PP Inxln Por, Dol/Ls Gry-Lt Gry-Wht, Fxln, fair Inxln/foss Por w/foss(spg spg) & gluc inclus, Sh Gry-Grn-Red fiss fri sli silty, no odr, no flor, no stn, NS
RTD = 5225'
LTD = 5225'
Electric Logs Run By Weatherford Logging: Dual Induction, Compensated Density-Neutron & Microresistivity Logs.
Geologist Left Location @ 3:50 PM on 10/18/2014
(30g,34m,36b)
Pressure:
IH: 2676#
FH: 2648#
IF: 55-62#
FF: 61-154#
ISIP: 1090#
FSIP: 962#
Gauge: mcf/d
10" = 27.6
20" = 27.6
30" = 28.4
40" = 28.4
50" = 27.6
60" = 26
70" = 26
80" = 26
90" = 24.4
52 UGK
Scale Change
TG
C1
C2
C3
C4
200
50
50
50
50
Trip Gas
Trip Gas
Mudco Ck @ 5132' @ 9:00 AM 10/17/14
Vis=68; WT=9.5#; PV=16; YP= 16; WL=10.8; Cake=1; Chl=9000; Cal =80 ; Sol=7.9%. LCM= 3#; DMC=$ 3,266.85 CMC=$ 15,744.65
91 Unit Gas Reading
Mudco Ck @ 5225' @ 8:45 AM 10/18/14
Vis=88; WT=9.4#; PV=16; YP= 16; WL=12; Cake=1; Chl=12000; Cal =80 ; Sol=7.2%. LCM= 4#; DMC=$ 331.70 CMC=$ 16,076.35

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

Sealey A #1-15

15-30s-19w Kiowa KS

Start Date: 2014.10.17 @ 10:37:08

End Date: 2014.10.17 @ 20:39:23

Job Ticket #: 57861 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2014.10.21 @ 08:45:58

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

15-30s-19w Kiowa KS

Sealey A #1-15

Job Ticket: 57861 **DST#: 1**

Test Start: 2014.10.17 @ 10:37:08

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:57:53
Time Test Ended: 20:39:23

Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5081.00 ft (KB) To 5132.00 ft (KB) (TVD)
Total Depth: 5132.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

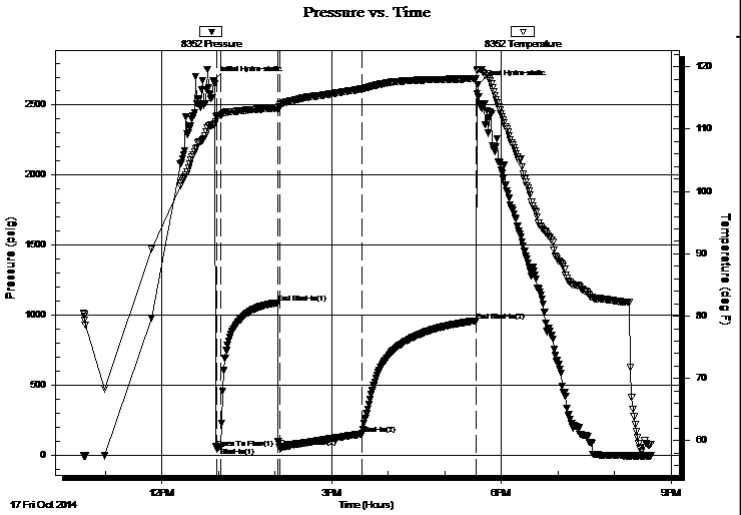
Reference Elevations: 2273.00 ft (KB)
2264.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8352 **Outside**

Press@RunDepth: 154.44 psig @ 5082.00 ft (KB)
Start Date: 2014.10.17 End Date: 2014.10.17
Start Time: 10:37:13 End Time: 20:39:23

Capacity: 8000.00 psig
Last Calib.: 2014.10.17
Time On Btm: 2014.10.17 @ 12:54:38
Time Off Btm: 2014.10.17 @ 17:34:53

TEST COMMENT: IF:Strong blow . B.O.B. in 3 - 5 secs.
ISI:No blow .
FF:Strong blow . GTS in 3 1/2 mins. (see gas flow report)
FSI:Weak to fair blow . Increase to 5".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2676.25	110.74	Initial Hydro-static
4	54.76	111.92	Open To Flow (1)
8	61.95	112.22	Shut-In(1)
69	1090.37	113.42	End Shut-In(1)
70	60.98	113.53	Open To Flow (2)
158	154.44	116.43	Shut-In(2)
279	962.02	118.10	End Shut-In(2)
281	2648.77	119.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GMCO 46%g 12%m 42%o	0.61
190.00	GMCO 30%g 34%m 36%o	1.83

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	3.50	28.40

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

15-30s-19w Kiowa KS

Sealey A #1-15

Job Ticket: 57861 **DST#: 1**

Test Start: 2014.10.17 @ 10:37:08

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:57:53
Time Test Ended: 20:39:23

Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 5081.00 ft (KB) To 5132.00 ft (KB) (TVD)
Total Depth: 5132.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

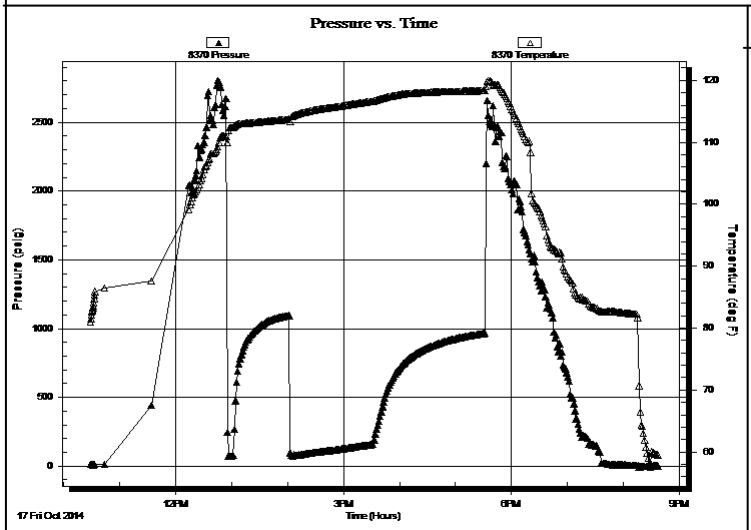
Reference Elevations: 2273.00 ft (KB)
2264.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8370 **Inside**

Press@RunDepth: psig @ 5082.00 ft (KB)
Start Date: 2014.10.17 End Date: 2014.10.17
Start Time: 10:28:59 End Time: 20:36:54

Capacity: 8000.00 psig
Last Calib.: 2014.10.17
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Strong blow . B.O.B. in 3 - 5 secs.
ISI:No blow .
FF:Strong blow . GTS in 3 1/2 mins. (see gas flow report)
FSI:Weak to fair blow . Increase to 5".



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GMCO 46%g 12%m 42%o	0.61
190.00	GMCO 30%g 34%m 36%o	1.83

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	3.50	28.40

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

15-30s-19w Kiowa KS

Sealey A #1-15

Job Ticket: 57861 **DST#: 1**

Test Start: 2014.10.17 @ 10:37:08

Tool Information

Drill Pipe:	Length:	4869.00 ft	Diameter:	3.80 inches	Volume:	68.30 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	217.00 ft	Diameter:	2.25 inches	Volume:	1.07 bbl	
					Total Volume:	69.37 bbl	

Drill Pipe Above KB:	33.00 ft
Depth to Top Packer:	5081.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	51.00 ft
Tool Length:	79.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2400.00 lb
Weight set on Packer:		24000.00 lb
Weight to Pull Loose:		95000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	78000.00 lb
	Final	82000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			5054.00		
Shut In Tool	5.00			5059.00		
Hydraulic tool	5.00			5064.00		
Jars	5.00			5069.00		
Safety Joint	3.00			5072.00		
Packer	4.00			5076.00	28.00	Bottom Of Top Packer
Packer	5.00			5081.00		
Stubb	1.00			5082.00		
Recorder	0.00	8352	Outside	5082.00		
Recorder	0.00	8370	Inside	5082.00		
Perforations	5.00			5087.00		
Blank Spacing	32.00			5119.00		
Perforations	8.00			5127.00		
Bullnose	5.00			5132.00	51.00	Bottom Packers & Anchor
Total Tool Length:	**79.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

15-30s-19w Kiowa KS

Sealey A #1-15

Job Ticket: 57861 **DST#: 1**

Test Start: 2014.10.17 @ 10:37:08

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	9000 ppm
Viscosity:	68.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.79 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	9000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GMCO 46%g 12%m 42%o	0.615
190.00	GMCO 30%g 34%m 36%o	1.827

Total Length: 315.00 ft Total Volume: 2.442 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-1

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corp.

9342 E.Central
Wichita KS .67206

ATTN: Zach Wiele

15-30s-19w Kiowa KS

Sealey A #1-15

Job Ticket: 57861 **DST#: 1**

Test Start: 2014.10.17 @ 10:37:08

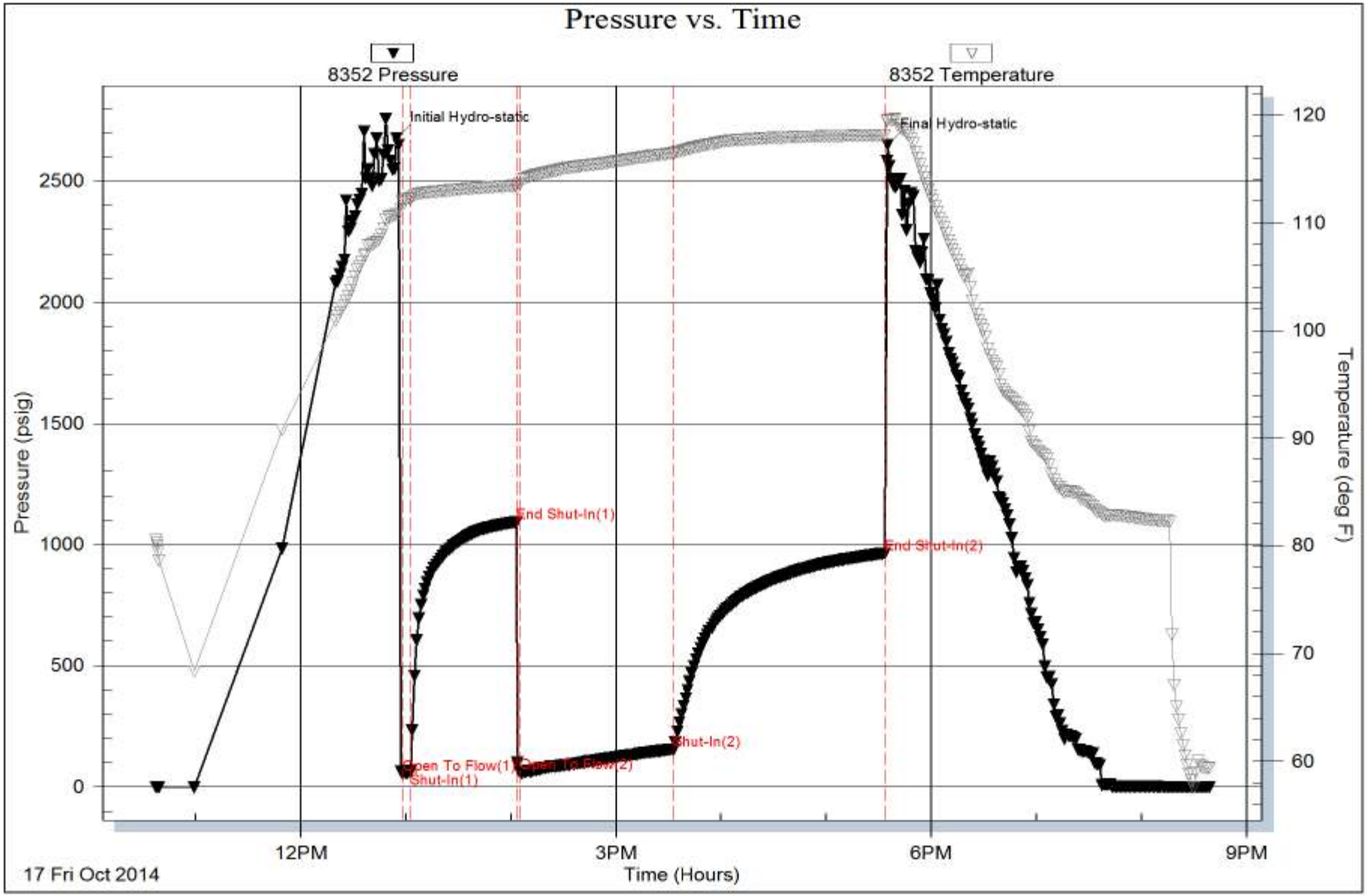
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

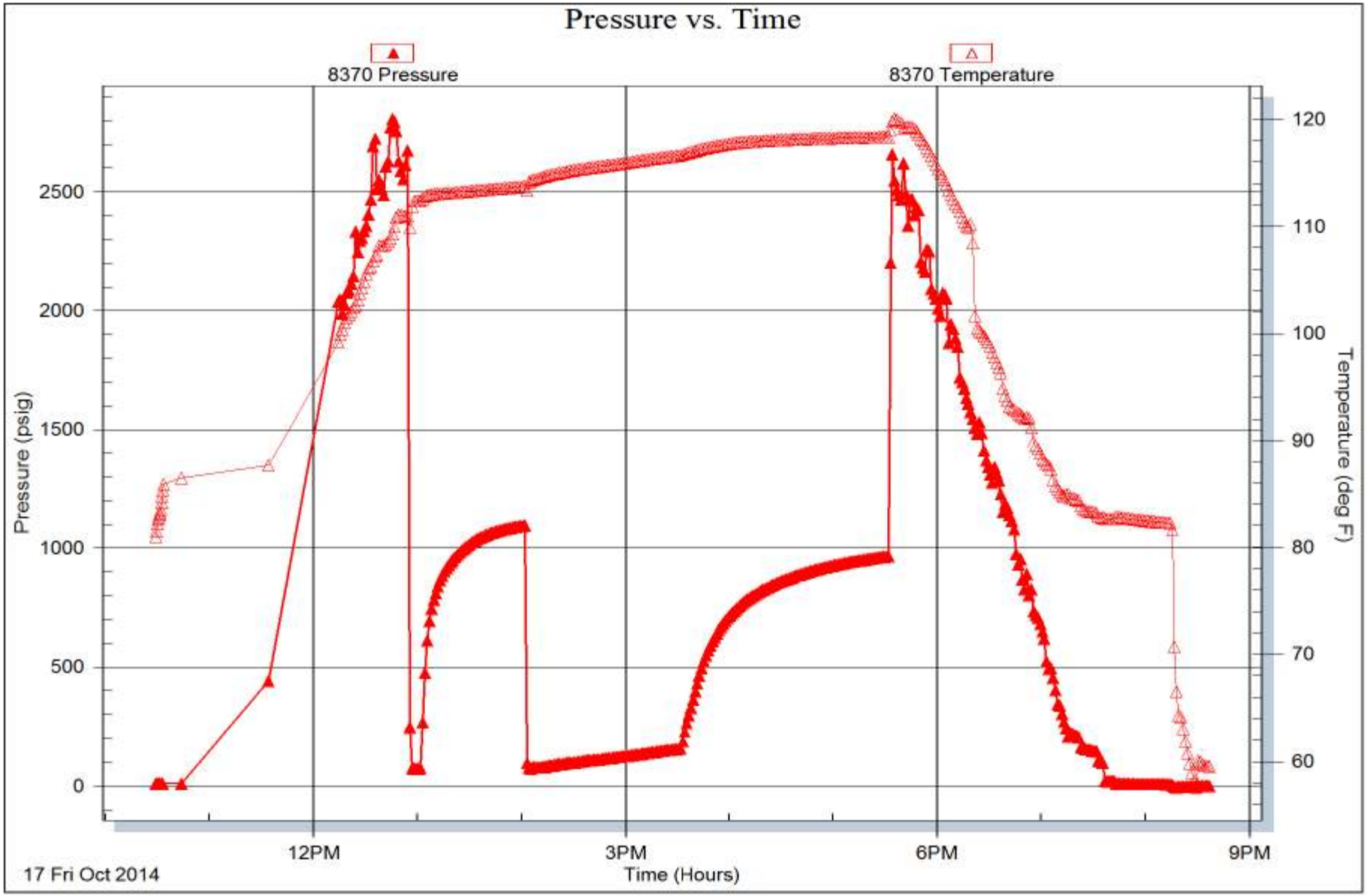
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.25	3.00	27.60
2	20	0.25	3.00	27.60
2	30	0.25	3.50	28.40
2	40	0.25	3.50	28.40
2	50	0.25	3.00	27.60
2	60	0.25	2.00	26.02
2	70	0.25	2.00	26.02
2	80	0.25	2.00	26.02
2	90	0.25	1.00	24.43

Serial #: 8352 **Outside** McCoy Petroleum Corp. Sealey A #1-15 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 57861 Printed: 2014.10.21 @ 08:46:00

Serial #: 8370 **Inside** McCoy Petroleum Corp. Sealey A #1-15 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 57861 Printed: 2014.10.21 @ 08:46:00

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 57861

Well Name & No. Sealey A #1-15 Test No. 1 Date 10-17-14

Company McCoy Petl. Corp. Elevation 2273 KB 2264 GL

Address 9342 E. Central, Wichita Ks. 67206

Co. Rep / Geo. Zach Wiele Rig Sterling Drlg. #4

Location: Sec. 15 Twp. 30S Rge. 19W Co. Kiowa State Ks.

Interval Tested 5081 - 5132' Zone Tested Miss.

Anchor Length 51' Drill Pipe Run 4869' Mud Wt. 9.5

Top Packer Depth 5076' Drill Collars Run 217' Vis 68

Bottom Packer Depth 5081' Wt. Pipe Run 0 WL 10.8cc

Total Depth 5132' Chlorides 9,000 ppm System LCM 3#

Blow Description IF: Strong blow. B.O.B. in 3-5 secs. ISI. No blow.

FF: Strong blow. GTS in 3½ mins. (see gas flow report)

FSI: Weak to fair blow. Increase to 5".

Rec 190	Feet of GMCO	30 %gas	36 %oil	%water	34 %mud
Rec 125 ~~185~~	Feet of GMCO	46 %gas	42 %oil	%water	12 %mud
Rec ~~315~~	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 315' FLU 10 BHT 110° Gravity N/A API RW N.C. @ — °F Chlorides 9,000 ppm

(A) Initial Hydrostatic	2676	☑ Test	1350	T-On Location	0930
(B) First Initial Flow	55	☑ Jars	250	T-Started	1037
(C) First Final Flow	62	☑ Safety Joint	75	T-Open	1257
(D) Initial Shut-In	1090	☐ Circ Sub		T-Pulled	1736
(E) Second Initial Flow	61	☐ Hourly Standby		T-Out	2039
(F) Second Final Flow	154	☑ Mileage (110)	x 2 170.50	Comments	
(G) Final Shut-In	962	☐ Sampler	170.50		
(H) Final Hydrostatic	2649	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	5	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	0
Final Flow	90	☐ Day Standby		Total	2016.00
Final Shut-In	120	☐ Accessibility		MP/DST Disc't	
		Sub Total	2016		

Approved By [signature] Our Representative Corey Pevoteaux

TRILOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

8/12

Gas Volume Report

McCoy Petl. Corp — Operator
Sealey A #1-15 — Well Name and No.
1 — DST No.

Initial Open				Final Open			
Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
				35	—	1/2"	GTS
				10	3 PSI	1/4"	27.6
				20	3 PSI	1/4"	27.6
				30	3.5	1/4"	28.4
				40	3.5	1/4"	28.4
				50	3	1/4"	27.6
				60	2	1/4"	26
				70	2	1/4"	26
				80	2	1/4"	26
				90	1	1/4"	24.4

Remarks:

BASIC energy services, L.P.

TREATMENT REPORT

Customer: McCoy Petroleum, Corp	Lease No.	Date: 10-9-14	
Lease: Sealey "A"	Well #: 1-15		
Field Order #: 11213	Station: Pratt	Casing: 13 3/8	Depth: 251.94
County: Kiowa	State: KS		
Type Job: CNW Conductor	Formation	Legal Description: 14-30S-19W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 13 3/8	Tubing Size	Shots/Ft		Acid: CMT 350 SKS 60/40 POZ	RATE	PRESS: 200 psi	ISIP: 3% CC 1/4# CF
Depth: 251.94	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 39.5	Volume	From	To	Pad	Min		10 Min.
Max Press: 100	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: SFV	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 231.94	Packer Depth	From	To	Flush: 36.4	Gas Volume		Total Load

Customer Representative: Dave Oller | Station Manager: Kevin Gourley | Treater: Mike Mattal

Service Units	37386		77686	19905		70959	19919				
Driver Names	Mattal		McGraw			Beachy					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:25 PM					On location / Safety Meeting
2:40					Run 13 3/8 Csng 48#
4:45					Csng on bottom
4:50					Hook to Csng, Break circ w. Rig
5:07	200		3	5	Pump 3 BBls water
5:09	350		75	6.5	Mix 350 sks 60/40 POZ
5:23	200		—	5	Start Displacement
5:30	200		36.4	—	Plug down / Shut in well
					40 BBls to Pit
					Job complete
					Thank You!
					Mike Mattal
					Mike & Aaron

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer McCoy Petroleum, Corp	Lease No.	Date 10-10-14	
Lease Sealey "A"	Well # 1-15		
Field Order # 17214	Station Pratt	Casing 8 5/8 Depth 644.39	County Kiowa State KS
Type Job CNW conductor SURFACE	Formation	Legal Description 15-30S-19W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid CMT 170 SKS A-CON	RATE	PRESS .75% CC	ISIP
Depth 644.39	Depth	From	To	Pre Pad 150 SKS 60/40 POZ	Max	2% gel 3% CC, .25% CF	5 Min.
Volume 41	Volume	From	To	Pad	Min		10 Min.
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 609.24	Packer Depth	From	To	Flush 38.3	Gas Volume		Total Load

Customer Representative Dave Oller | Station Manager Kevin Goodley | Treater Mike Mattal

Service Units	37586		77686	19905		19903	19860				
Driver Names	Mattal		McGraw			Beachy					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00 PM					On location / Safety Meeting
12:45					Run 8 5/8 23# csgs.
3:00					csgs on bottom
2:13					Hook to csgs / Break circ. w. Rig
2:25	200		3	5	Pump 3 BBl water
~~2:33~~ 2:36	250		75	5.5	Mix 170 SKS A-con
2:42	200		32	5	Mix 150 SKS 60/40 POZ
2:50	—		—	—	Release Plug
2:52	200		—	5	Start Displacement
2:58	200		34	3	Slow rate
3:00	500		38.3	—	Plug Down, Shut in well
					35 BBl to Pit
					Job Complete
					Thank You!
					Mike Mattal
					Mike + Aaron

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer McCoy Pet Corp	Lease No.		Date 10-19-14			
Lease Stalcup 'A'	Well # 1-15					
Field Order # 11221	Station Pratt	Casing 4 1/2	Depth 5232.8	County Kiowa	State Ks	
Type Job CNW 4 1/2 long string	Formation		Legal Description 15-30-19			

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 5232.8	Depth	From	To	Pre Pad	Max		5 Min.
Volume 83.64	Volume	From	To	Pad	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 5140.6	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	37586		77686	19905		19960	19860				
Driver Names	Mattal		McGraw			Beck					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:45					On location / Safety Meeting
1:15					Run 4 1/2 10.5# csng, Turbo on 1, 3, 5, 7
3:25					csng on bottom, Hook to csng / Break Circ
5:24	300		5	4	Pump 5 BBl water
5:30	300		10	4.5	Pump 10 BBl Stop loss
5:33			2		Pump 2 BBl water
5:34	500		35	5.5	Mix 175 sks AA-2 cmt
5:40	—				Casing Swivel + Plug container
					Unscrew from casing.
5:47			4	3	Wash Pump + Line, Release Plug using
					A Swedge
5:49	200		—	6	Start Displacement
5:58	250		60	5.5	Lift Pressure
6:00	400		70	3	Slow rate
6:05	500		82.7	—	Plug down, release + shut in well
6:20			7.5	—	Plug Rat + Mouse hole
					Circ. Thru Job
					Job complete
					Thank You!
					Mike Mattal
					Kyle + Aaron