



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1222609
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: _____

1222609

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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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FARR TRUST "B" #1-14 ACO-1 Supplemental (Sample & Log Tops)

SAMPLE TOPS

McCoy Petroleum Corp.
 Farr Trust 'B' #1-14
 NE NE NE
 330'FNL & 330'FEL
 Sec 14-7s-19w
 KB: 1962'

	Depth	Datum
Anhydrite	1470	+490
Base Anhydrite	1500	+460
Topeka	2904	-944
Heebner	3104	-1144
Toronto	3130	-1170
Lansing 'A'	3144	-1184
Lansing 'B-C'	3181	-1221
Lansing 'D'	3200	-1240
Lansing 'E-F'	3216	-1256
Lansing 'G'	3227	-1267
Muncie Creek	3238	-1278
Lansing 'H'	3275	-1315
Lansing 'I'	3296	-1336
Lansing 'J'	3316	-1356
Stark	3326	-1366
LKC 'K' Zone	3331	-1371
Hushpuckney	3358	-1398
BKC	3363	-1403
Arbuckle	None	None
RTD	3500	-1540

LOG TOPS

SAMPLE TOPS

McCoy Petroleum Corp.
 Farr Trust 'B' #1-14
 NE NE NE
 330'FNL & 330'FEL
 Sec 14-7s-19w
 KB: 1962'

	Depth	Datum
Anhydrite	1467	+493
Base Anhydrite	1498	+462
Topeka	2904	-944
Heebner	3104	-1144
Toronto	3130	-1170
Lansing 'A'	3144	-1184
Lansing 'B-C'	3181	-1221
Lansing 'D'	3200	-1240
Lansing 'E-F'	3216	-1256
Lansing 'G'	3227	-1267
Muncie Creek	3238	-1278
Lansing 'H'	3275	-1315
Lansing 'I'	3296	-1336
Lansing 'J'	3316	-1356
Stark	3326	-1366
LKC 'K' Zone	3331	-1371
Hushpuckney	3358	-1398
BKC	3363	-1403
Arbuckle	None	None
LTD	3499	-1539



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

Well Name: FARR TRUST "B" #1-14
API: API #: 15-163-24,231-00-00
Location: Sec. 31 - T 11S - R 19 W,
License Number: KCC # 5003
Spud Date: 06/30/2014
Surface Coordinates: 330' FNL & 330' FEL

Region: ROOKS CO., KS.
Drilling Completed: 7/08/2014

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 1955' **K.B. Elevation (ft):** 1960'
Logged Interval (ft): 219' **To:** 3499' **Total Depth (ft):** 3500'
Formation: Pre-Cambrian Granite
Type of Drilling Fluid: Chemical/Polymer/Gel & Mud Displacement at 2700'.

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: David P. Williams, P.G. KS. #88
Company: DW ENERGY, LLC (DWE)
Address: 312 N. BROADVIEW STREET
WICHITA, KANSAS 67208

Casing & Deviation Survey's::

Ran 5 joints of new 8-5/8" 23# surface casing. Tally 211.14'. Set at 220.14' KB. Welded straps on casing. Allied cemented with 165 sacks of Common with 2% Gel and 3% CC.. Cement did circulate to surface.

DEVIATION SURVEY'S: @ 220'= 1/2 degree; @ 3170'= 3/4 degree; @ 3500' = 1 degree.

DSTs

~~DST #1~~ Interval: 3112'- 3170'. Times: 5" - 60" - 90" - 120".

Blow: IF=Weak/1". No Blow Back During ISIP. FF= Weak Blow/2". No Blow Back During FSIP.

Recovery:100'SOSM (1% O & 99% M) & (w/SFO in Test Tool).

Pressures: IH=1498#; FH=1489#; IF=44-49#; FF=57-88#; ISIP=1269#; FSIP=961#. TEMP.=108 degrees F..

~~DST # 2~~ Interval: 3170'- 3236'. Times: 5"-60"-90"-120".

Blow: IF=Good/8". No Blow Back During ISIP. FF= BOB Blow/5". Two Inch Blow Back During FSIP & GTS (TSTM)/ 75". Blow back Died @ 70" on FSIP.

Recovery: 2142' GIP. TF: 859' (776' CO (100% O); 63' SOCGM (35% G, 5% O & 60% M); 20' SOSMW (2% O,10% M & 88% W)).

Pressures: IH=1508#; FH=1488#; IF=36-64#; FF=78-267#; ISIP = 1031#; FSIP=917#: TEMP.=110 degrees F.; Chl.=10,000 Ppm; API Grv.= 31.8 (Cor.). API Rw = 0.5 @ 88.6 degrees F..

~~DST # 3~~ Interval: 3260'- 3335'. Times: 5"-60"-90"-120".

Blow: IF=BOB/1.5". No Blow Back During ISIP. FF= Strong Blow BOB/1.5". GTS (TSTM)/30". Five Inch Blow Back During FSIP .

Recovery: 1364' GIP. TF: 1818': (1694' CO (100% O); 124' SOCMW (10% O, 10% M & 80% W)). Reversed Out Fluid to Evac Truck: Grindout: @ 60"= (80% O, 10% M & 10% W); @ 90" = (60% O, 10% M & 30% W).

Pressures: IH=1572#; FH=1513#; IF=137-200#; FF=207-743#; ISIP=897#; FSIP=846#: TEMP.=112 degrees F.; Chl.=1200 Ppm; API Grv=29.6 (Cor.). API Rw =3.72 @ 78.2 degrees F..

~~DST # 4~~ Interval: 3328' -3350'. Times: 5"-60"-30"-30". Blow: IF=Weak Blow/ 1/4" & Died. No Blow Back During ISIP. FF=No Blow. No Blow Back During FSIP.

Recovery: TF: 10' SOCM (10% O, 90% M (w/SFO in Tool)).

Pressures: IH=1617#; FH=1525#; IF=25-24#; FF=26-28#; ISIP =860#; FSIP=554#. TEMP.=106 degrees F..




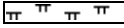
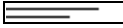
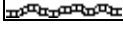




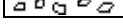




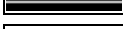


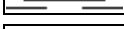
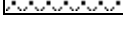
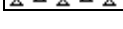


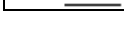
Comments

After review of all geologic samples as examined, combined with the fluid and pressures results from all drill stem tests taken and analysis from the electric logs run, it was determined by all parties that production casing be run in order to further evaluate this well.

Respectfully submitted,

David P. Williams, P.G.

ROCK TYPES

	Anhy		Clyst		Gry shale		Mrlst		Shgy
	Bent		Coal		Gyp		Red shale		Sltst
	Brec		Congl		Igne		Salt		Ss
	Carb sh		Dol		Lmst		Shale		Till
	Cht		Grn sh		Meta		Shcol		

ACCESSORIES

- MINERAL**
- Anhy
 - Arggrn
 - Arg
 - Bent
 - Bit
 - Brecrefrag
 - Calc
 - Carb
 - Chtdk
 - Chtlt
 - Dol
 - Feldspar
 - Ferrpel
 - Ferr
 - Glau
 - Gyp

- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- FOSSIL**
- Algae
 - Amph

- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Fuss
- Gastro
- Oolite
- Oomold
- Ostra
- Pelec

- Pellet
- Pisolite
- Plant
- Strom

STRINGER

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

TEXTURE

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

OTHER SYMBOLS

- POROSITY**
- Earthy
 - Fenest
 - Fracture
 - Inter
 - Moldic
 - Organic
 - Pinpoint

- Vuggy

- SORTING**
- Well
 - Moderate
 - Poor

- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

- Even
- Spotted
- Ques
- Dead

- Dst
- Dst_alt

- EVENT**
- Rft
 - Sidewall

- OIL SHOW**
- Gas show

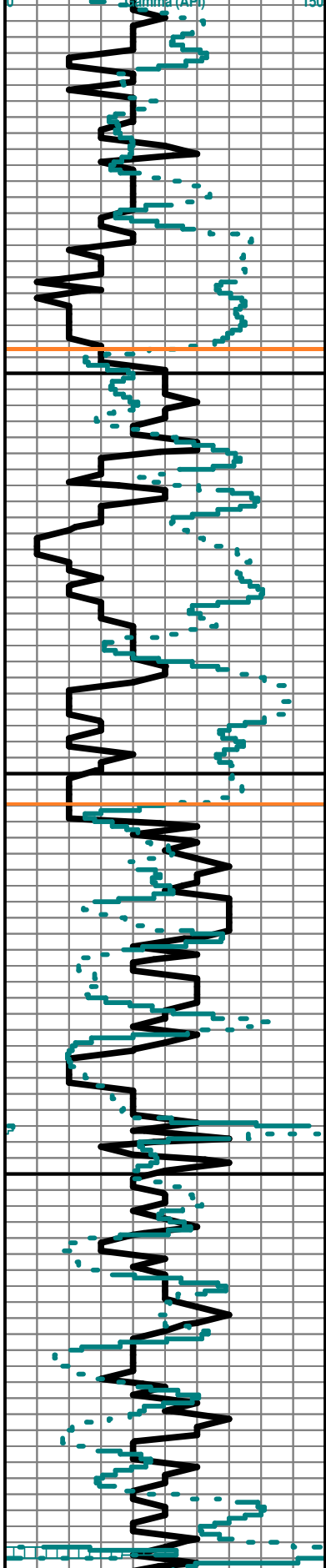
- INTERVAL**
- Red line
 - Core

Curve Track 1		Depth	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5
ROP (min/ft)	Gamma (API)					
0	150	2700			<p>McCoy Petroleum Corporation FARR TRUST 'B' #1-14 NE - NE - NE 330' FNL & 330' FEL Sec. 14 - T 7 S - R19 W Rooks County, KS API: 15-163-24,231-00-00 Murfin Drilling: Rig #24 Elevations: 1960' KB; 1955' GL Geologist: David P. Williams</p> <p>Geologist on location: 2651' @ 5:20 PM on 7/3/2014 Stone Corral Anhydrite Sample Top = 1470' (+ 490) Stone Corral Anhydrite Sample Base = 1500' (+ 460) Stone Corral Anhydrite Electric Log Top = 1467' (+ 493) Stone Corral Anhydrite Electric Log Base = 1498' (+ 462)</p> <p>DEVIATION SURVEYS: @ 220' = 1/2 degree; @ 3170' = 3/4 degree; @ 3500' = 1 degree.</p>	<p>MUD DISPLACEMENT @ 2700'</p> <p>Mudco Mud Ck @ 2,350'</p> <p>8:35 AM 7/3/2014</p> <p>Vis = 29</p> <p>WT = 9.3</p> <p>PV = NC</p> <p>YP = NC</p> <p>WL = NC</p> <p>Chl = 42,000</p> <p>Cal = Hvy</p> <p>Sol = 4.6%</p> <p>LCM = NIL#</p> <p>DMC = \$4,834.00</p> <p>CMC = \$6,032.70</p>
		2750				

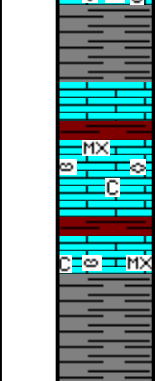
NOTE: ALL SAMPLES HAVE BEEN LAGGED TO DEPTH BY CALCULATED TIME.

Begin 10' Sample Examination at 3000'

ROP (min/ft)
Gamma (API)



2800



Ls Gry-Crm MicroxIn Dns Micrite Fos (Crin, Fuss) Chalky Sh Gry Soft No Odor No Flor No Stn NS

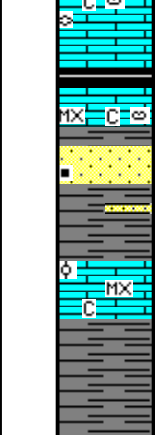
Ls Crm-Wht-Gry MicroxIn Dns Micrite (w/Pyr Inclus) Fos (Crin, Fuss) Chalky Sh Char-Gry-Maroon Soft No Odor No Flor No Stn NS

Ls Gry-Crm-Wht MicroxIn Dns Micrite Qtz SS Wht Well-Gry (w/ Carb Inclus) Rd VFGn Well Sort Fos (Crin, Fuss) Chalk (Abd) Sh Char-Gry-Maroon-Aqua Soft No Odor No Flor No Stn NS

Sh Gry Soft "Gummy" Ls Gry-Crm MicroxIn Dns Micrite Chalky No Odor No Flor No Stn NS

HOWARD 2847' (- 887)

2850



Ls Crm-Wht-Gry MicroxIn Dns Micrite Fos (Crin, Fuss) Chalky Sh Gry (Abd)-Maroon "Gummy" Soft No Odor No Flor No Stn NS

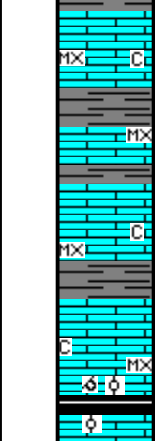
Ls Crm-Gry MicroxIn Dns Micrite Fos (Crin, Fuss) Chalky Sh Gry-Maroon "Gummy" Soft No Odor No Flor No Stn NS

Sh Char-Gry- Maroon-Aqua-Yell Soft Ls Gry-Crm-Wht MicroxIn Dns Micrite Grad Poor OOL Por (w/Small OOids in pl) Poor Dissolu Qtz SS Wht Well-Gry (w/ Carb Inclus) Rd VFGn Well Sort Fos (Crin, Fuss) Chalk (Abd) No Odor No Flor No Stn NS

Sh Gry Soft Ls Gry-Crm-Wht MicroxIn Dns Micrite Chalk (Abd) No Odor No Flor No Stn NS

Sh Gry Soft Ls Crm-Wht MicroxIn Dns Micrite Chalk (Abd) No Odor No Flor No Stn NS

2900



TOPEKA 2904' (- 944)

Ls Crm-Gry MicroxIn Dns Micrite Chalky Sh Gry-Char-Aqua "Gummy" Soft No Odor No Flor No Stn NS

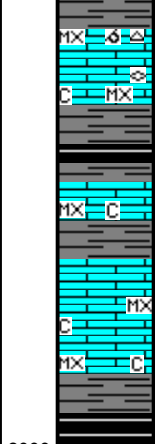
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Ls Crm-Gry-Wht MicroxIn Dns Micrite Chalky Sh Gry-Char "Gummy" Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Gry-Wht MicroxIn Dns Micrite Chalky Sh Gry-Char "Gummy" Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht MicroxIn Dns Micrite Grad Poor OOM Por (w/ Small OOids in pl) Poor Dissolu Chalky Sh Gry-Char "Gummy" Soft-Fissil No Odor No Flor No Stn NS

2950



Ls Crm-Tan-Wht MicroxIn Dns Micrite Grad Poor OOM Por (w/ Small OOids in pl) Poor Dissolu Cht Wht-Tan Op Shp Vit Fos (Fuss) Chalky Sh Gry-Char "Gummy" Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht MicroxIn Dns Micrite Chalky Sh Gry-Char-Blk Carb Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht MicroxIn Dns Micrite Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht MicroxIn Dns Micrite Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS

Ls Crm-Tan-Wht MicroxIn Dns Micrite Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS

ROP (min/ft)

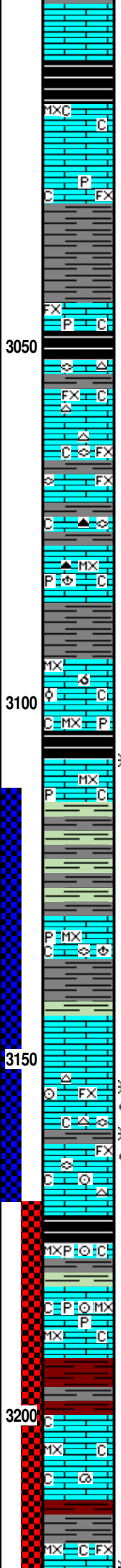
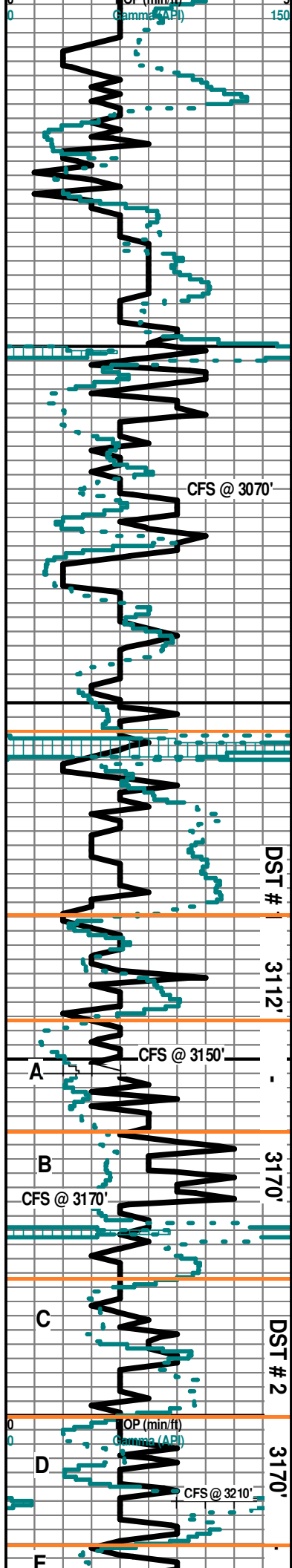
3000

Mudco Mud Ck @

3,111'

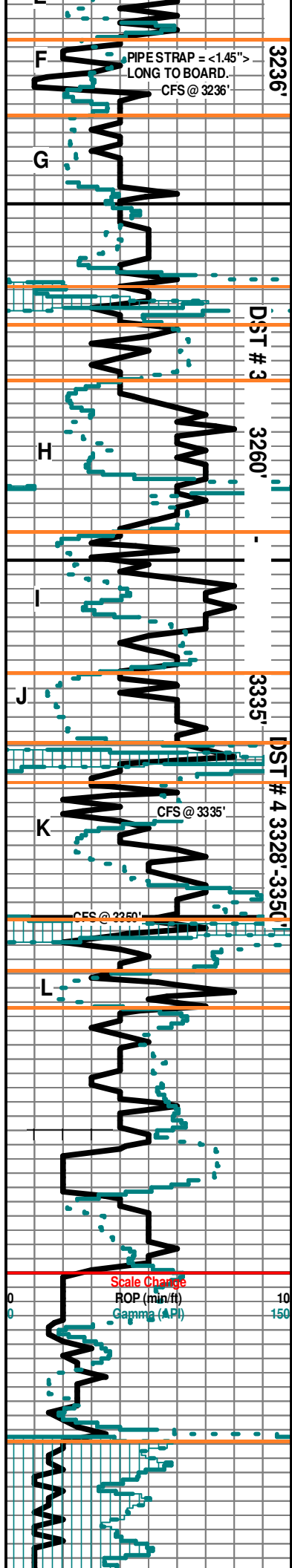
9:50 AM 7/4/2014

Vic - 48



Ls Crm-Tan-Wht MicroIn Dns Micrite Chalky Sh Gry-Char-Blk Por Soft-Fissil No Odor No Flor No Stn NS
 Ls Wht -Crm-Tan MicroIn Dns Micrite Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS
 Ls Wht -Crm-Tan FxIn Dns Micrite (w/Pyr Inclus) Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS
 Ls Wht -Crm-Tan FxIn Dns Micrite (w/Pyr Inclus) Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS
 Ls Wht -Crm-Tan FxIn Dns Micrite (w/Pyr Inclus) Grad Poor Igran Por Chalky Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS
 30" CFS @ 3070' Ls Tan-Crm-Gry FxIn Dns Micrite Cht Amber Translu Shp Vit Fos (Fuss) Abd Chalky Sh Gry Soft No Odor No Flor No Stn NS
 60" CFS @ 3070' Ls Tan-Crm-Gry FxIn Dns Micrite Cht Amber Translu Shp Vit Fos (Fuss) Abd Chalky Sh Gry Soft No Odor No Flor No Stn NS
 Ls Gry-Tan-Crm FxIn Dns Micrite Fos (Fuss) VAbd Chalky Sh Gry Soft No Odor No Flor No Stn NS
 Ls Wht-Crm-Tan-Gry MicroxIn Dns Micrite Cht Amber Translu-Op Shp Vit Fos (Brach) Pyr Mass Chalky Sh Gry Soft No Odor No Flor No Stn NS
 Ls Wht-Crm-Tan-Gry MicroxIn Dns Micrite Grad Poor OOM Por (w/ Med OOids in pl) Poor Dissolu Cht Gry Translu-Op Shp Vit Chalky Sh Gry Fissil No Odor No Flor No Stn NS
HEEBNER 3104' (- 1144)
 Sh Blk Carb Fissil Ls Wht-Crm-Tan-Gry MicroxIn Dns Micrite (w/Pyr Inclus) Chalky ? Faint Odor No Stn No Flor NS
 Ls Wht-Crm-Tan-Gry MicroxIn Dns Micrite (w/Pyr Inclus) Chalky Sh Gry/Grn "Gummy"-Tr Blk Carb Fissil ? Faint Odor No Stn No Flor NS
TORONTO 3130' (- 1170)
 30" CFS @ 3150' Ls Wht-Crm-Tan MicroxIn Dns Micrite Fos (Brach) Pyr Mass Chalky Sh Gry/Grn Fissil No Odor No Stn No Flor NS
LANSING 3144' (- 1184)
 60" CFS @ 3150' Ls Wht-Crm-Tan MicroxIn Dns Micrite Fos (Crin, Fuss) Cht Wht Op Shp Vit Chalky Sh Gry/Grn Fissil No Stn Sli Odor No Flor NS
 30" CFS @ 3170' Ls Wht-Crm-Tan FxIn Dns Micrite Grad Poor-Fair OOL Por (w/Small OOids in pl) Poor Dissolu Fos (Crin, Fuss) Cht Wht Op Shp Vit Chalky Sh Gry/Grn Fissil ? Lt Brn Stn Fair Odor Sli Flor (Lt Grn) ? SG & ? Stn
 60" CFS @ 3170' Ls Wht-Crm-Tan FxIn Dns Micrite Grad Poor Vug IxIn Por (w/SG & SFO (Lt Brn) Gas & Oil Do Not Flor) Grad Poor OOL Por (w/Small OOids in pl) Poor Dissolu Fos (Crin, Fuss) Cht Wht Op Shp Vit Chalky Sh Gry/Grn Fissil ? Lt Brn Stn Fair-Med Odor Sli Flor (Lt Grn) SG & SO
 Ls Wht-Tan MicroxIn Dns Micrite Barren Pyr Mass Fos (Crin) Chalky Sh Char-Blk Carb Fissil No Odor No Stn No Flor NS
 Ls Wht-Tan MicroxIn Dns Micrite Barren Pyr Mass Fos (Crin) Chalky Sh Gry-Red Soft-Fissil No Odor No Stn No Flor NS
 30" CFS @ 3210' Sh Red-Maroon-Grn/Gry Soft Abd (Wash Red) Ls Gry-Wht MicroxIn Dns Micrite (w/Pyr Inclus) Barren Chalky No Vis Por Pyr Mass No Odor No Flor No Stn NS
 60" CFS @ 3210' Sh Red-Maroon-Grn/Gry-Aqua Soft Abd (Wash Red) Ls Gry-Wht MicroxIn Dns Micrite Barren Chalky No Vis Por No Odor No Flor No Stn NS
 Ls Wht-Crm-Tan FxIn-MicroxIn Dns Micrite Grad Poor-Fair Vug IxIn Por Poor-Fair IxIn Leaching (w/SSG-Lt Brn Stn ?/SSO Under Wtr in Heat) Gas & Oil Do Not Flor Fos (Gastro) Chalky Sh AA Fair Odor No Flor Sli Stn SSG & SSO
 30" CFS @ 3236' Ls/Dolo Wht-Crm-Tan FxIn Fair-Med Sucrosic (w/Vug IxIn Por Fair-Med

Vis = 48
 WT = 8.9
 PV = 17
 YP = 22
 WL = 5.6
 Chl = 1,000
 Cal = NIL
 Sol = 4.6%
 LCM = NIL#
 DMC=\$2,188.35
 CMC=\$8,221.05
~DST # 1~
 Interval: 3112'- 3170'.
 Times: 5"-60"-90"-120".
 Blow: IF=Weak/1". No Blow Back During ISIP. FF= Weak Blow/2". No Blow Back During FSIP.
 Recovery: 100'SOSM (1% O & 99% M) & (w/SFO in Test Tool).
 Pressures:
 IH = 1498 #;
 FH = 1489#;
 IF = 44-49#;
 FF = 57-88#;
 ISIP = 1269#;
 FSIP = 961#;
 TEMP. = 108 degrees F..
 Mudco Mud Ck @ 3,210'
 8:35 AM 7/5/2014
 Vis = 48
 WT = 9.2
 PV = 16
 YP = 17
 WL = 5.8
 Chl = 4,000
 Cal = Tr
 Sol = 6.2%
 LCM = 2#
 DMC=\$0.00
 CMC=\$8,221.05
~DST # 2~
 Interval: 3170'- 3236'.
 Times: 5"-60"-90"-120".
 Blow: IF=Good/8". No Blow Back During ISIP. FF= BOB Blow/5". Two Inch Blow Back During FSIP & GTS (TSTM)/ 75". Blow back Died @ 70" on FSIP.
 Recovery: 2142' GIP. TF: 859' (776' CO (100% O); 63' SOCGM (35% G, 5% O & 60% M); 20' SOSMW (2% O, 10% M & 88% W)).
 Pressures:
 IH = 1508#;
 FH = 1488#;
 IF = 36-64#;
 FF = 78-267#;
 ISIP = 1031#;
 FSIP = 917#;
 TEMP. = 110 degrees F..
 Chl. = 10,000 Ppm;
 API Grv. = 31.8 (Cor).
 API Rw = 0.5 @ 88.6 degrees F..
 Mudco Mud Ck @ 3,335'
 8:35 AM 7/6/2014
 Vis = 46



Leaching (w/GSG-Hvy Lt Brn Stn GSFO Under Wtr in Heat) Gas & Oil Do Flor Chalky Sh Gry-Aqua Med-Good Odor No Flor Sli Stn SSG & FSFO in tray

60" CFS @ 3236' Ls/Dolo Wht-Crm-Tan Fxln Fair Sucrosic (w/Vug Ixln Por Fair Leaching (w/SG-Lt Brn Stn SFO Under Wtr in Heat) Dec Show Chalky Sh Aqua Med Odor No Flor Sli Stn SSG & SSFO in Tray

Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Grad Poor Pin-Pt IxlnTr Vug Por (w/SG & SFO) Med-Good Odor Fos (Crin) Pyr Mass Chalky Sh Gry-Maroon-Aqua Soft-Fissil Fair Flor Scat Stn (Lt Brn) SSG & SFO

Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Grad Fos (Crin) Pyr Mass Chalky Sh Char-Gry-Aqua Soft-Fissil Fair Flor No Stn No Odor NS

MUNCIE CREEK 3210' (- 1250)

Sh Blk Carb-Gry-Aqua-Maroon Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan- Gry Microxln-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/SSG & SSFO) Pyr Mass Faint Odor Fair Flor SSG & SSFO

Ls Wht-Tan-Gry Microxln Dns Micrite Barren Cht Wht-Gry Translu-Op Shp Vit Pyr Mass Chalky Sh Gry "Gummy" Soft No Odor No Stn Faint Flor NS

Ls Wht-Tan-Gry Microxln Dns Micrite Barren Cht Wht-Gry Translu-Op Shp Vit Pyr Mass Chalky Sh Gry "Gummy"-Blk Carb Soft-Fissil No Odor No Stn Faint Flor NS

Ls Wht-Crm Fxln Med-Good OOL Vug Por (w/Med-Lg OOids in pl) Med-Good Dissolu (w/GSG & SFO) Fair-Med Odor Good Stn Sat (2 Pcs w/ Lt Brn Stn) Gas & Oil Do Not Flor Chalky Sh AA GSG & GSFO

30" CFS @ 3335' Ls Wht-Crm Fxln Med-Good OOL Vug Por (w/Med-Lg OOids & Fos (Crin) in pl) Med-Good Dissolu (w/GSG & SFO) Fair-Med Odor Good Stn Sat (w/ Lt Brn Stn) Chalky Sh Red Soft (Wash Red) Gas & Oil Do Not Flor Faint Odor Fair Stn (Lt Brn) FSG & SFO

STARK 3325' (- 1365)

60" CFS @ 3335' Sh Blk Carb-Gry Fissil Ls Wht-Crm Fxln Fair Ixln Pin-Pt Por (w/SSG & SSFO) Fair-Med Odor Gas & Oil Do Not Flor Fair Stn (Lt Brn) SSG & SFO

60" CFS @ 3350' Ls Wht-Crm Fxln Fair Ixln Pin-Pt "Salt & Pepper" (w/Tr Small-Med Vug) Por (w/SG & SFO) Grad Med-Good OOL Por (w/Med-Lg OOids in pl) Med-Good Dissolu (Around OOids) Pyr Mass Chalky Sh Blk Carb-Gry Fissil Med-Good Odor (Gas & Oil Do Not Flor) Sli Scat Flor (Lt Grn) Fair InterOOL Stn (Lt Brn w/Tr Gillsontic "Dead" Blk Stn) FSG & FSFO

HUSHPUCKNEY 3350' (- 1390)

Sh Blk Carb-Gry Fissil Ls Wht-Crm Microxln Dns Micrite Barren Grad Poor OOM Por Poor Leaching Poor Develop Fos (Crin) Pyr Mass No Odor No Stn No Flor NS

BASE KANSAS CITY 3363' (- 1403)

Sh Blk Carb-Gry-Red (Abd) Fissil Ls Wht-Crm Microxln Dns Micrite Barren Grad Poor Ixln Por Fos (Brach) No Odor No Stn No Flor NS

Ls Wht-Crm Microxln Dns Micrite Barren Grad Poor Ixln Por Grad Poor OOM Por Poor Leaching Poor Develop Fos (Gastro) Sh Gry-Red (Abd) Fissil No Odor No Stn No Flor NS

Ls Wht-Crm Microxln Dns Micrite Barren Grad Poor Ixln Por Pyr Mass Sh Gry-Red Fissil No Odor No Stn No Flor NS

Sh Gry-Red (Abd) Fissil Ls Wht-Crm-Red/Org Microxln Dns Micrite Barren Grad Poor OOL Por (w/Small OOids in pl) No Dissolu Leaching No Odor No Stn No Flor NS

Ls Wht-Crm-Red/Org Microxln Dns Micrite Barren Grad Poor OOL Por (w/Small OOids in pl) No Dissolu Leaching Cht Vari- colored (Wht-Red-Gry- Amber-Tan) Translu-Op Shp Vit Pyr Mass (Abd) Sh Gry-Red AA Soft-Fissil No Odor No Stn No Flor NS

GRANITE WASH 3422' (-1462)

Ls Wht-Crm-Red/Org Microxln Dns Micrite Barren AA ? Granite Wash K-Feldspar Varicolored (Wht-Red -Gry) Translu-Op Shp Vit Sh Gry-Red-Gry/Grn (Drk Aqua)Soft-Fissil No Odor No Stn No Flor NS

Granite Debris K-Feldspar Varicolored Residue (Qtzite Clear Pink-Gry-Drk Grn) (w/Hornblend-Biotite Blk Incls) Translu-Op Shp Sh

WT = 9.2
PV = 10
YP = 20
WL = 7.6
Chl = 1,800
Cal = Tr
Sol = 6.4%
LCM = 1#
DMC=\$0.00
CMC=\$8,221.05

~DST # 3~

Interval: 3260' - 3335'.
Times: 5"-60"-90"-120".
Blow: IF=BOB/1.5". No Blow Back During ISIP. FF= Strong Blow BOB/1.5". GTS (TSTM)/30". Five Inch Blow Back During FSIP.
Recovery: 1364' WIP.
TF: 1818': (1694' CO (100% O); 124' SOCMW (10% O, 10% M & 80% W)). Reversed Out Fluid to Evac Truck: Grindout: @ 60"=(80% O, 10% M & 10% W); @ 90" = (60% O, 10% M & 30% W).

Pressures:

IH = 1572#;
FH = 1513#;
IF = 137-200#;
FF = 207-743#;
ISIP = 897#;
FSIP = 846#;
TEMP. = 112 degrees F.
Chl. = 1200 Ppm;
API Grv.= 29.6 (Cor.).
API Rw = 3.72 @ 78.2 degrees F.

~DST # 4 ~

Interval: 3328' - 3350'.
Times: 5"-60"-30"-30".
Blow: IF= Weak Blow/1/4" & Died. No Blow Back During ISIP. FF= No Blow. No Blow Back During FSIP.
Recovery: TF: 10'SOCM (10% O, 90% M (w/SFO in Tool)).

Pressures:

IH = 1617#;
FH = 1525#;
IF = 25-24#
FF = 26-28#;
ISIP = 860#;
FSIP = 554#;
TEMP. = 106 degrees F.

Mudco Mud Ck @
3,350' @ 7:15 AM
7/7/2014

Vis = 42
WT = 9.1
PV = 13
YP = 11
WL = 8.4
Chl = 3,800
Cal = 20
Sol = 5.6%
LCM = 1#
DMC=\$28.60
CMC=\$8,249.65



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 East Central
Wichita, KS 67206

ATTN: Dave Williams

Farr Trust "B" #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.04 @ 19:05:00

End Date: 2014.07.05 @ 03:52:00

Job Ticket #: 55298 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.08 @ 15:33:36

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

Farr Trust "B" #1-14

DST # 1

Toronto - LKC. A

2014.07.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

ATTN: Dave Williams

Job Ticket: 55298

DST#: 1

Test Start: 2014.07.04 @ 19:05:00

GENERAL INFORMATION:

Formation: **Toronto - LKC. A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:31:00

Time Test Ended: 03:52:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 67

Interval: 3112.00 ft (KB) To 3170.00 ft (KB) (TVD)

Reference Elevations: 1960.00 ft (KB)

Total Depth: 3170.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press@RunDepth: 87.51 psig @ 3148.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.04

End Date:

2014.07.05

Last Calib.:

2014.07.04

Start Time: 19:05:01

End Time:

03:52:00

Time On Btm:

2014.07.04 @ 21:29:00

Time Off Btm:

2014.07.05 @ 02:18:00

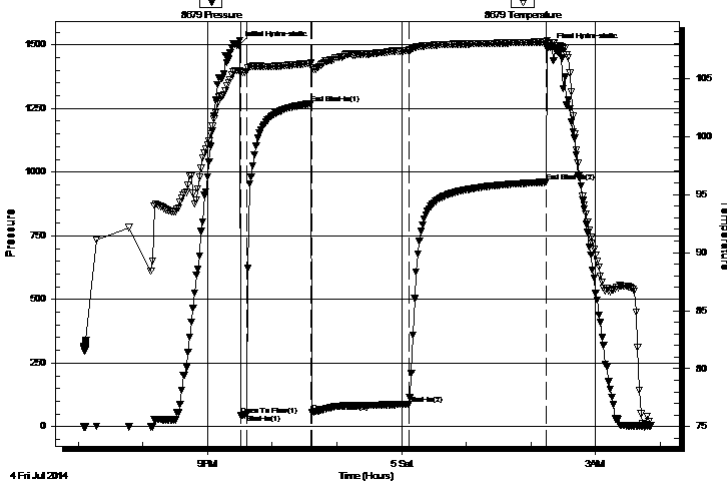
TEST COMMENT: I.F. - 5 - Weak blow built to 1"

I.S.I. - 60 - No blow back

F.F. - 90 - Weak blow built to 2"

F.S.I. - 120 - No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1498.22	105.66	Initial Hydro-static
2	43.88	105.57	Open To Flow (1)
8	49.26	105.61	Shut-In(1)
67	1269.03	106.31	End Shut-In(1)
68	56.83	105.92	Open To Flow (2)
158	87.51	107.41	Shut-In(2)
285	961.09	108.16	End Shut-In(2)
289	1488.77	108.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	S,O,S,M 1%O 99%M "FEW OIL SPECS"	0.57
0.00	SHOW OF OIL IN TEST TOOL	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 55298

DST#: 1

ATTN: Dave Williams

Test Start: 2014.07.04 @ 19:05:00

Tool Information

Drill Pipe:	Length: 3024.00 ft	Diameter: 3.80 inches	Volume: 42.42 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 91.00 ft	Diameter: 2.25 inches	Volume: 0.45 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 42.87 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3112.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	85.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: "TOOL SLID 3' TO BOTTOM"

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3086.00	
Shut In Tool	5.00			3091.00	
Hydraulic tool	5.00			3096.00	
Jars	5.00			3101.00	
Safety Joint	2.00			3103.00	
Packer	4.00			3107.00	27.00 Bottom Of Top Packer
Packer	5.00			3112.00	
Stubb	1.00			3113.00	
Perforations	1.00			3114.00	
Change Over Sub	1.00			3115.00	
Drill Pipe	32.00			3147.00	
Change Over Sub	1.00			3148.00	
Recorder	0.00	6625	Outside	3148.00	
Recorder	0.00	8679	Inside	3148.00	
Perforations	18.00			3166.00	
Bullnose	4.00			3170.00	58.00 Bottom Packers & Anchor
Total Tool Length:	85.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 55298

DST#: 1

ATTN: Dave Williams

Test Start: 2014.07.04 @ 19:05:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	S,O,S,M 1%O 99%M "FEW OIL SPECS"	0.574
0.00	SHOW OF OIL IN TEST TOOL	0.000

Total Length: 100.00 ft

Total Volume: 0.574 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

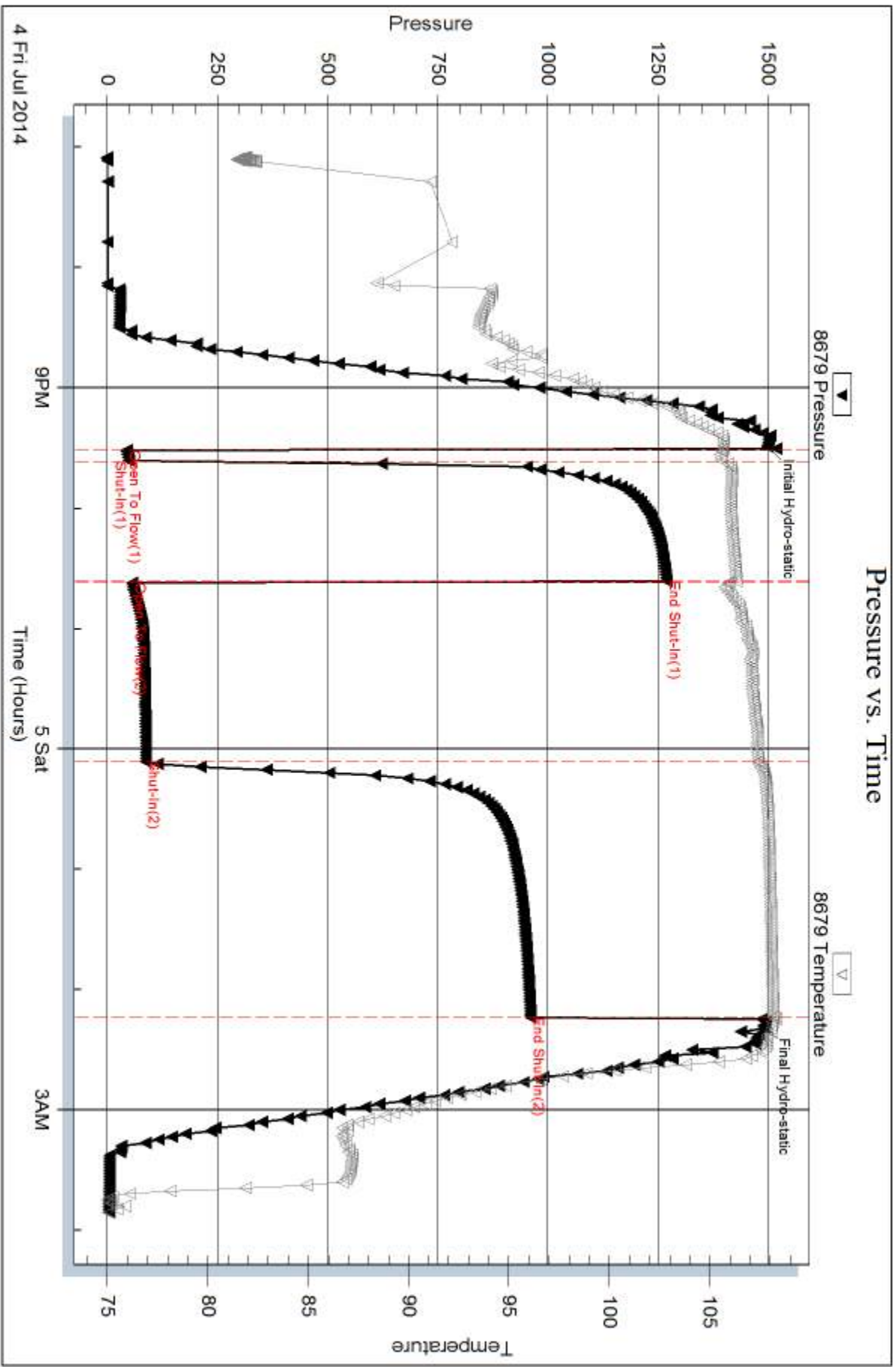
Serial #: 8679

Inside

McCoy Petroleum Corp.

Farr Trust "B" #1-14

DST Test Number: 1

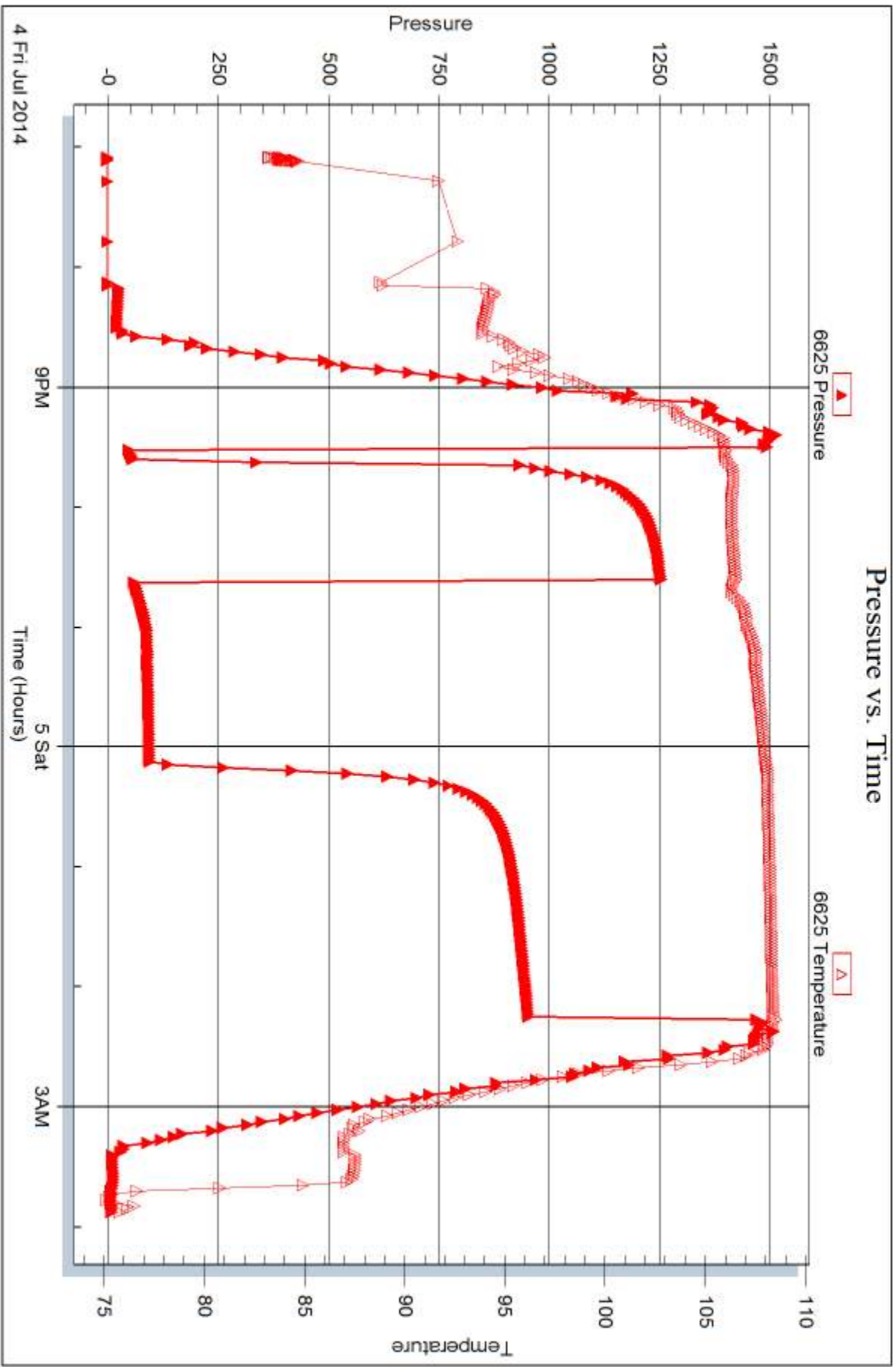


Serial #: 6625

Outside McCoy Petroleum Corp.

Farr Trust "B" #1-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 55298

Printed: 2014.07.08 @ 15:33:38



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 East Central
Wichita, KS 67206

ATTN: Dave Williams

Farr Trust "B" #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.05 @ 12:50:00

End Date: 2014.07.05 @ 22:17:30

Job Ticket #: DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.08 @ 15:32:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

ATTN: Dave Williams

Job Ticket: **DST#: 2**

Test Start: 2014.07.05 @ 12:50:00

GENERAL INFORMATION:

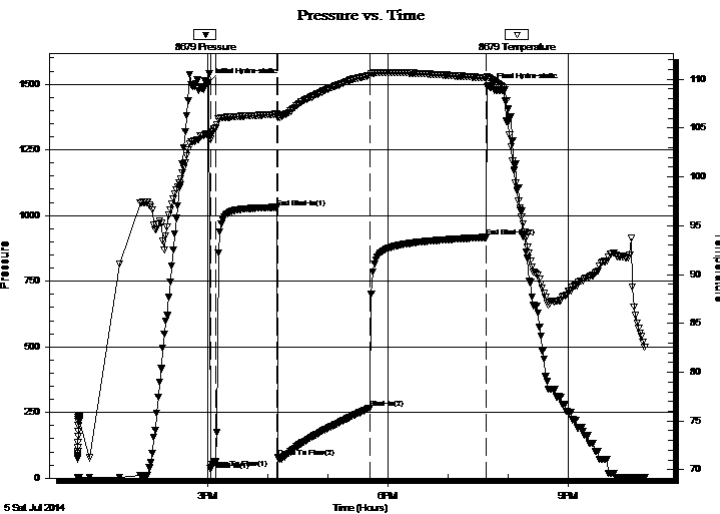
Formation: **LKC C-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:02:30
 Time Test Ended: 22:17:30
 Interval: **3170.00 ft (KB) To 3236.00 ft (KB) (TVD)**
 Total Depth: 3236.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bob Hamel
 Unit No: 67
 Reference Elevations: 1960.00 ft (KB)
 1955.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press@RunDepth: 267.27 psig @ 3172.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.05 End Date: 2014.07.05 Last Calib.: 2014.07.05
 Start Time: 12:50:01 End Time: 22:17:30 Time On Btm: 2014.07.05 @ 15:00:30
 Time Off Btm: 2014.07.05 @ 19:42:00

TEST COMMENT: I.F. - 5 - Blow built to 9"
 I.S.I. - 60 - No blow back
 F.F. - 90 - BOB in 5 min - GTS in 75 min
 F.S.I. - 120 - Weak surface blow back built to 2" died in 70 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1507.52	104.39	Initial Hydro-static
2	35.58	103.88	Open To Flow (1)
8	63.85	105.01	Shut-In(1)
69	1031.26	106.42	End Shut-In(1)
70	77.51	106.05	Open To Flow (2)
162	267.27	110.39	Shut-In(2)
278	917.14	110.16	End Shut-In(2)
282	1487.85	110.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	S,O,S,M,W 2% O 10% M 88% W	0.10
63.00	S,O,C,G,M, 5% O 35% G 60%M	0.31
776.00	C/O 100%	10.81
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket:

DST#: 2

ATTN: Dave Williams

Test Start: 2014.07.05 @ 12:50:00

Tool Information

Drill Pipe:	Length: 3062.00 ft	Diameter: 3.80 inches	Volume: 42.95 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 91.00 ft	Diameter: 2.25 inches	Volume: 0.45 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 43.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3170.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 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			3144.00	
Shut In Tool	5.00			3149.00	
Hydraulic tool	5.00			3154.00	
Jars	5.00			3159.00	
Safety Joint	2.00			3161.00	
Packer	4.00			3165.00	27.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Stubb	1.00			3171.00	
Perforations	1.00			3172.00	
Recorder	0.00	6625	Outside	3172.00	
Recorder	0.00	8679	Inside	3172.00	
Perforations	23.00			3195.00	
Change Over Sub	1.00			3196.00	
Drill Pipe	32.00			3228.00	
Change Over Sub	1.00			3229.00	
Perforations	3.00			3232.00	
Bullnose	4.00			3236.00	66.00 Bottom Packers & Anchor
Total Tool Length:	93.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket:

DST#: 2

ATTN: Dave Williams

Test Start: 2014.07.05 @ 12:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

10000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	S,O,S,M,W 2% O 10% M 88% W	0.098
63.00	S,O,C,G,M, 5% O 35% G 60%M	0.310
776.00	C/O 100%	10.812
0.00	GTS	0.000

Total Length: 859.00 ft Total Volume: 11.220 bbl

Num Fluid Samples: 0

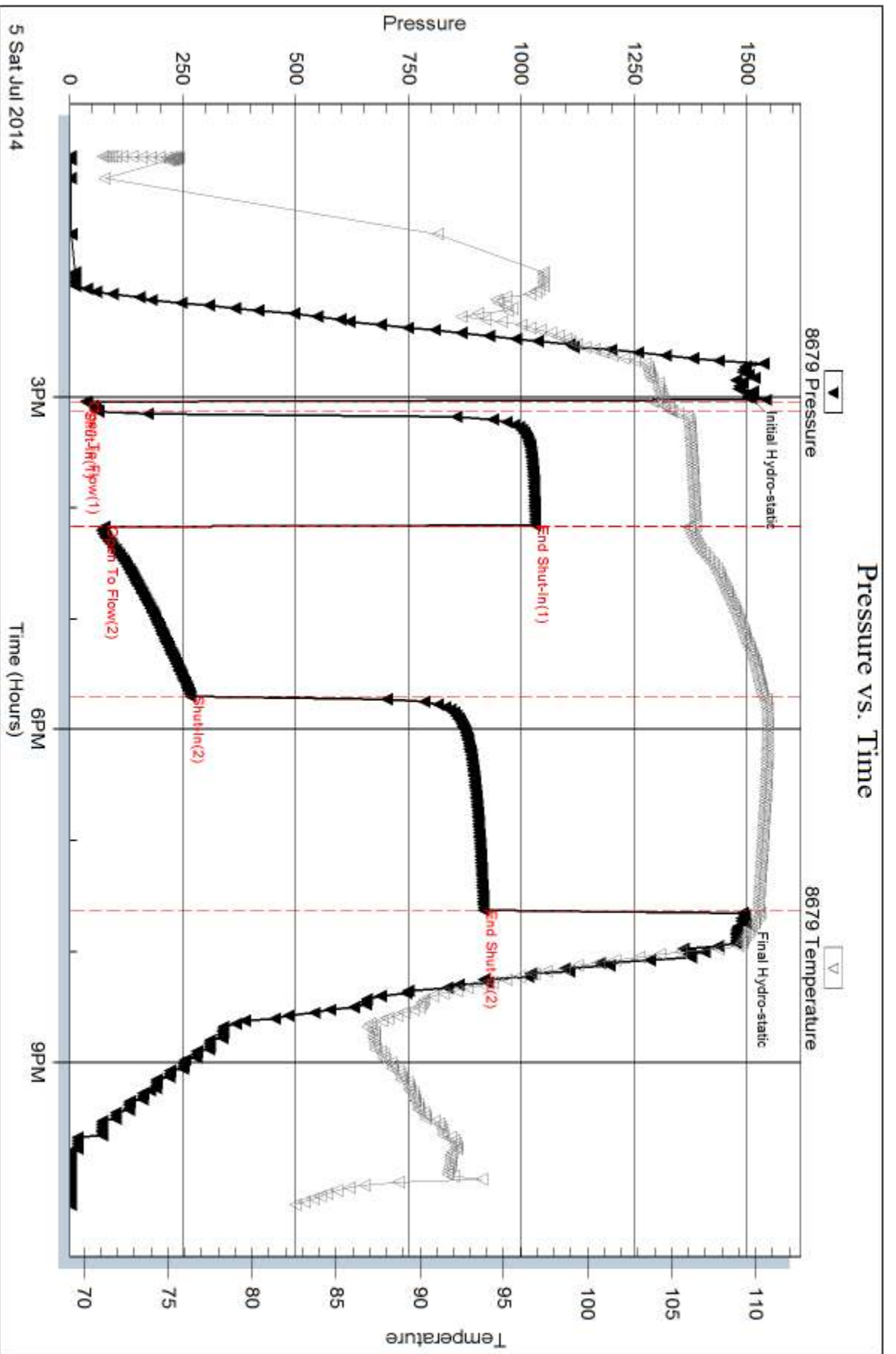
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: R.W. = .5 OHMS @ 88.6 DEG.

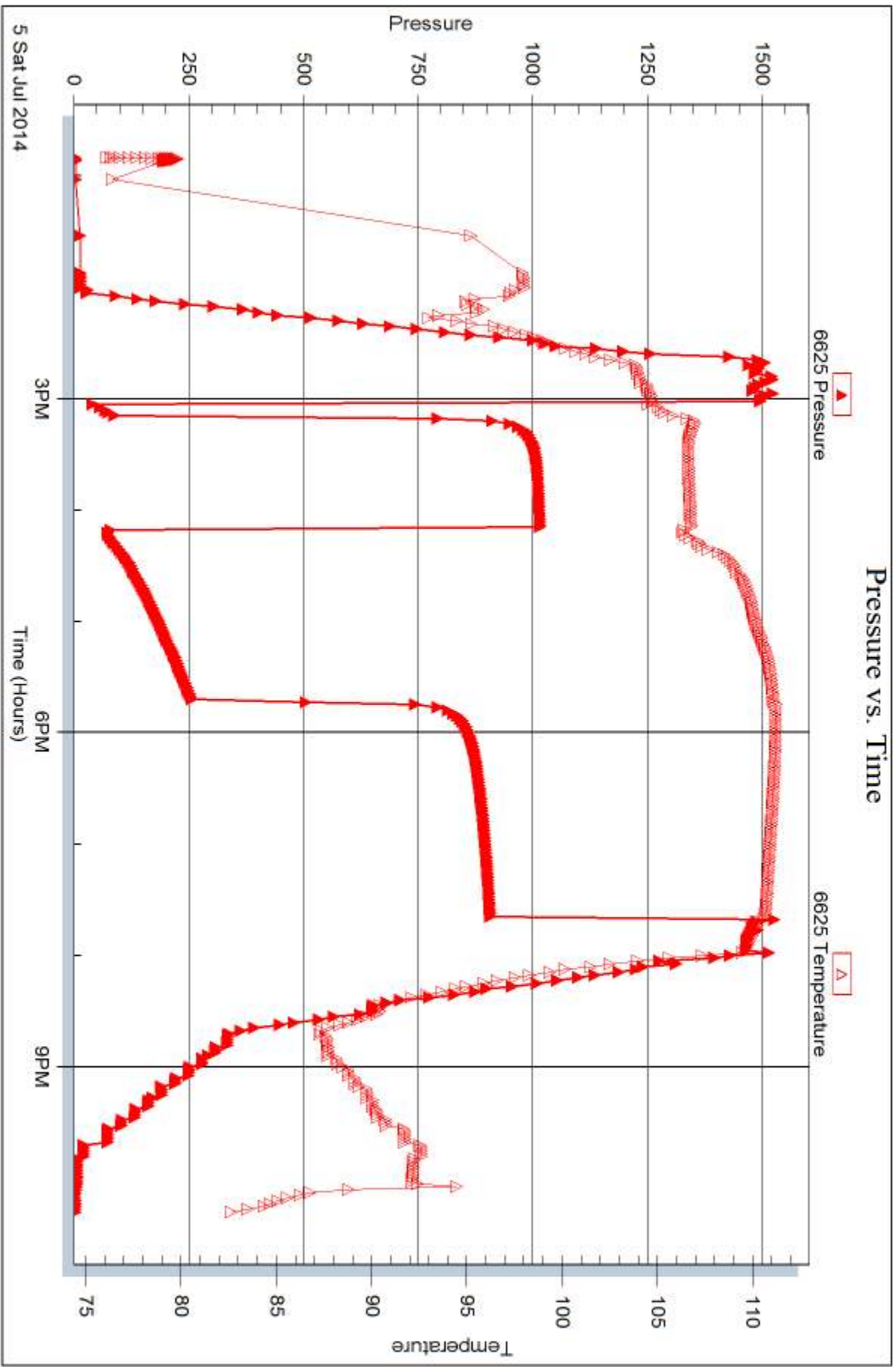


Serial #: 6625

Outside McCoy Petroleum Corp.

Farr Trust "B" #1-14

DST Test Number: 2



Trilobite Testing, Inc

Ref. No:

Printed: 2014.07.08 @ 15:32:48



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 East Central
Wichita, KS 67206

ATTN: Dave Williams

Farr Trust "B" #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.06 @ 08:30:00

End Date: 2014.07.06 @ 19:46:00

Job Ticket #: 55300 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.08 @ 15:31:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

ATTN: Dave Williams

Job Ticket: 55300

DST#: 3

Test Start: 2014.07.06 @ 08:30:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:32:30

Time Test Ended: 19:46:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 67

Interval: 3260.00 ft (KB) To 3335.00 ft (KB) (TVD)

Reference Elevations: 1960.00 ft (KB)

Total Depth: 3335.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8679 Inside

Press@RunDepth: 742.78 psig @ 3328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.06

End Date: 2014.07.06

Last Calib.: 2014.07.06

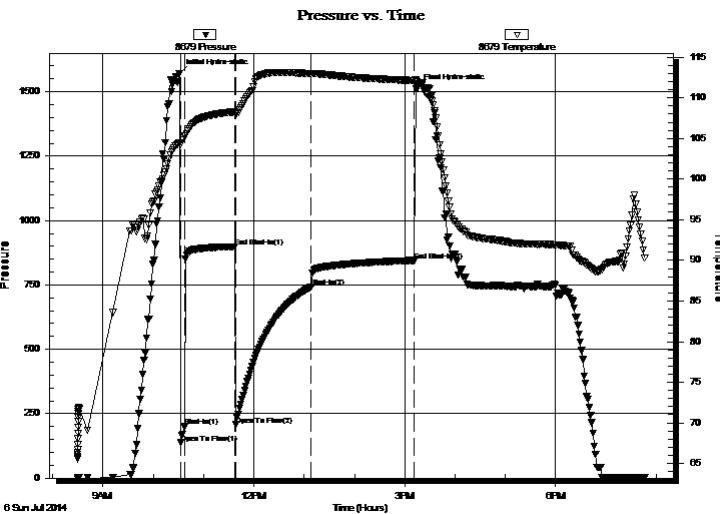
Start Time: 08:30:01

End Time: 19:46:00

Time On Btm: 2014.07.06 @ 10:31:00

Time Off Btm: 2014.07.06 @ 15:14:00

TEST COMMENT: I.F. - 5 - BOB in 1 1/2 min
I.S.I. - 60 - No blow back
F.F. - 90 - BOB in 1 1/2 min - GTS in 30 min
F.S.I. - 120 - Weak surface blow back built to 5" died to 2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.69	104.43	Initial Hydro-static
2	137.10	104.21	Open To Flow (1)
6	199.94	105.25	Shut-In(1)
66	898.79	108.26	End Shut-In(1)
68	206.87	108.03	Open To Flow (2)
158	742.78	112.98	Shut-In(2)
281	845.55	112.12	End Shut-In(2)
283	1513.14	112.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	S,O,C,M,W, 10%O 10%M 80%W	0.91
1694.00	Total reversed fluid	23.76
0.00	CO for the first 60 min	0.00
0.00	60 min 5%M 20%W 75%O	0.00
0.00	90 min 10%M 30%W 60%O	0.00
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 55300

DST#: 3

ATTN: Dave Williams

Test Start: 2014.07.06 @ 08:30:00

Tool Information

Drill Pipe:	Length: 3151.00 ft	Diameter: 3.80 inches	Volume: 44.20 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 91.00 ft	Diameter: 2.25 inches	Volume: 0.45 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 44.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3260.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	102.00 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			3234.00	
Shut In Tool	5.00			3239.00	
Hydraulic tool	5.00			3244.00	
Jars	5.00			3249.00	
Safety Joint	2.00			3251.00	
Packer	4.00			3255.00	27.00 Bottom Of Top Packer
Packer	5.00			3260.00	
Stubb	1.00			3261.00	
Perforations	4.00			3265.00	
Change Over Sub	1.00			3266.00	
Drill Pipe	62.00			3328.00	
Recorder	0.00	6625	Outside	3328.00	
Recorder	0.00	8679	Inside	3328.00	
Change Over Sub	1.00			3329.00	
Perforations	2.00			3331.00	
Bullnose	4.00			3335.00	75.00 Bottom Packers & Anchor
Total Tool Length:	102.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 55300

DST#: 3

ATTN: Dave Williams

Test Start: 2014.07.06 @ 08:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

1200 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	S,O,C,M,W, 10%O 10%M 80%W	0.910
1694.00	Total reversed fluid	23.762
0.00	CO for the first 60 min	0.000
0.00	60 min 5%M 20%W 75%O	0.000
0.00	90 min 10%M 30%W 60%O	0.000
0.00	GTS	0.000

Total Length: 1818.00 ft Total Volume: 24.672 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

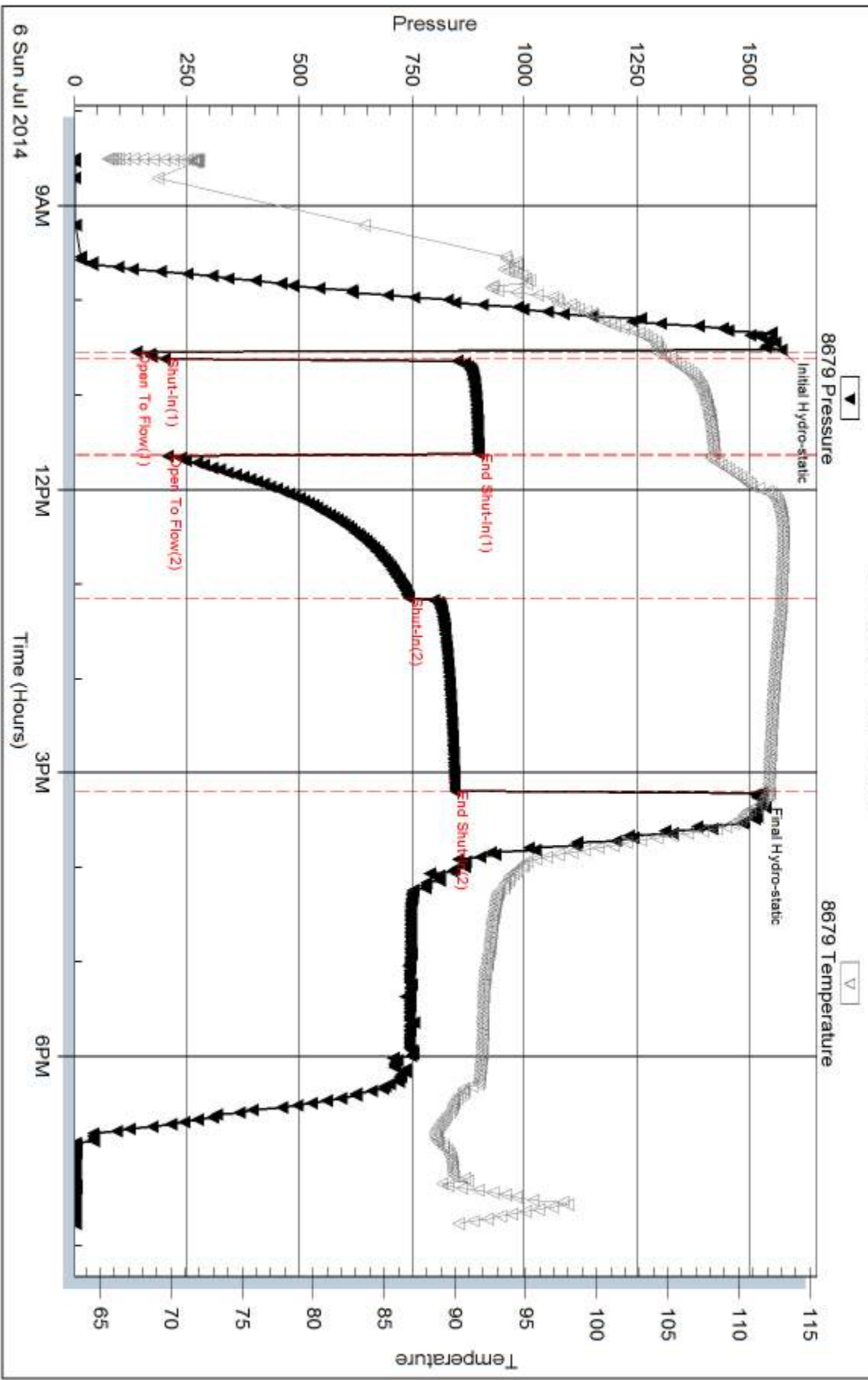
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: R.W. = 3.72 OHMS @ 98.2 DEG

Pressure vs. Time

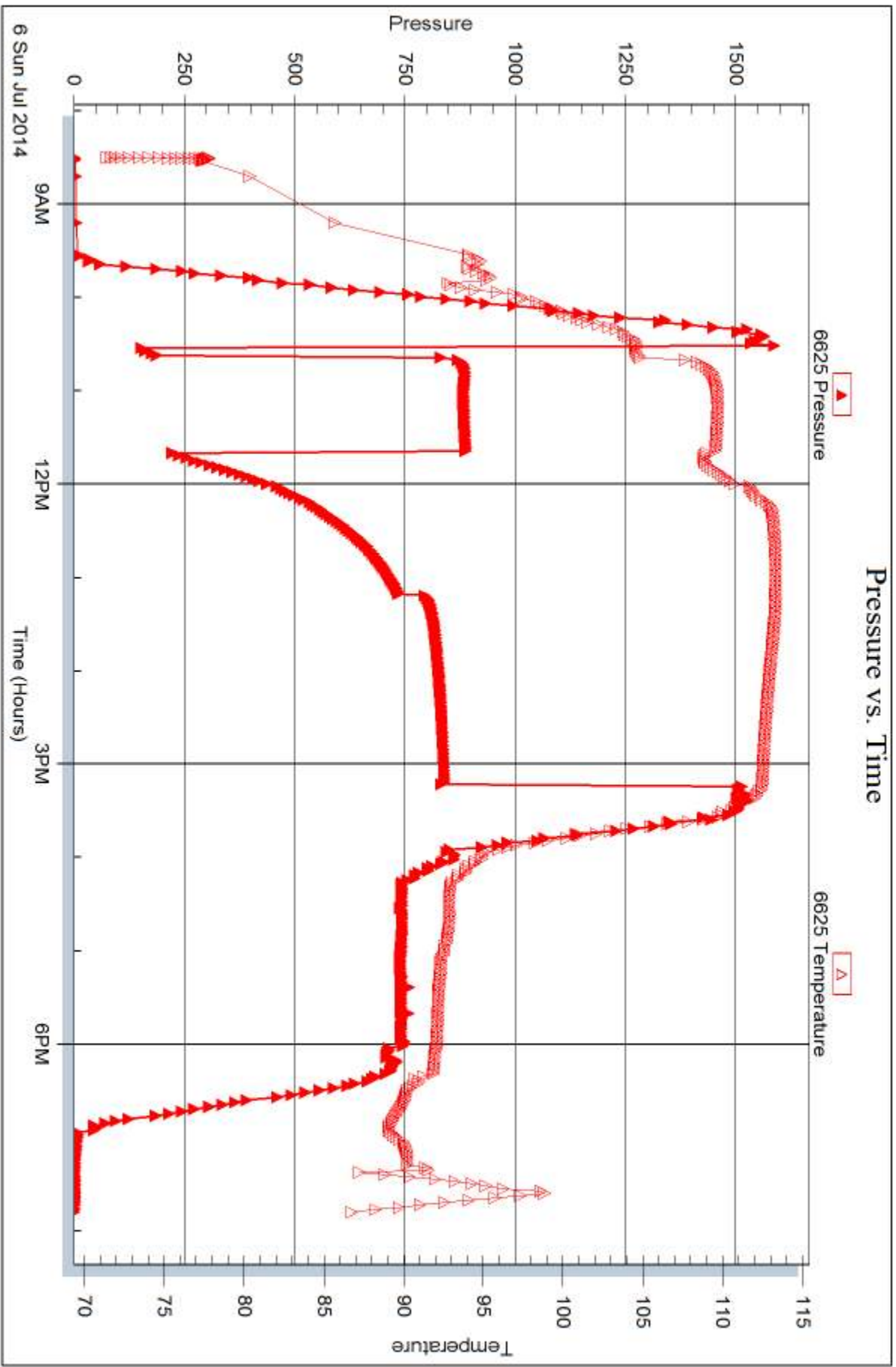


Serial #: 6625

Outside McCoy Petroleum Corp.

Farr Trust "B" #1-14

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 55300

Printed: 2014.07.08 @ 15:31:19



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 East Central
Wichita, KS 67206

ATTN: Dave Williams

Farr Trust "B" #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.07 @ 02:15:00

End Date: 2014.07.07 @ 07:15:30

Job Ticket #: 60470 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.08 @ 15:29:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

ATTN: Dave Williams

Job Ticket: 60470

DST#: 4

Test Start: 2014.07.07 @ 02:15:00

GENERAL INFORMATION:

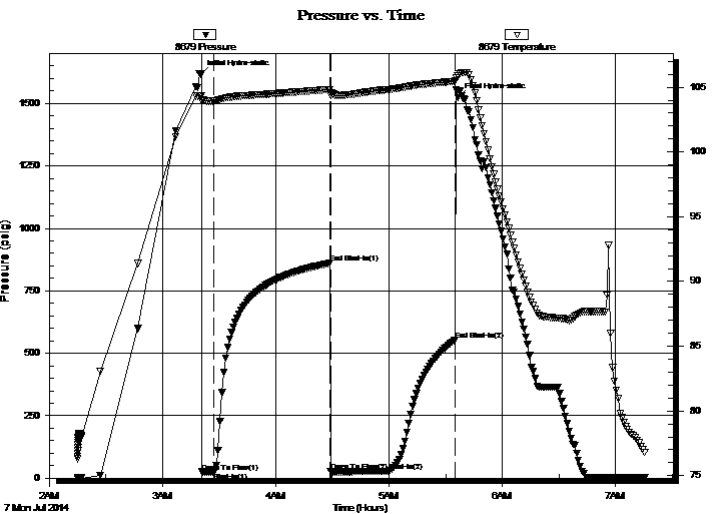
Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:21:00
 Time Test Ended: 07:15:30
 Interval: **3478.00 ft (KB) To 3500.00 ft (KB) (TVD)**
 Total Depth: 3500.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bob Hamel
 Unit No: 67
 Reference Elevations: 1960.00 ft (KB)
 1955.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press@RunDepth: 28.48 psig @ 3479.00 ft (KB)
 Start Date: 2014.07.07 End Date: 2014.07.07
 Start Time: 02:15:01 End Time: 07:15:30
 Capacity: 8000.00 psig
 Last Calib.: 2014.07.07
 Time On Btm: 2014.07.07 @ 03:20:00
 Time Off Btm: 2014.07.07 @ 05:36:30

TEST COMMENT: I.F. - 5 - No blow
 I.S.I. - 60 - No blow back
 F.F. - 30 - No blow
 F.S.I. - 30 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.17	104.33	Initial Hydro-static
1	24.99	103.99	Open To Flow (1)
7	23.66	103.93	Shut-In(1)
69	860.33	104.83	End Shut-In(1)
69	25.96	104.39	Open To Flow (2)
100	28.48	104.82	Shut-In(2)
135	553.71	105.46	End Shut-In(2)
137	1524.54	105.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	S,O,C,M, 10%O 90%M	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 60470

DST#: 4

ATTN: Dave Williams

Test Start: 2014.07.07 @ 02:15:00

Tool Information

Drill Pipe:	Length: 3362.00 ft	Diameter: 3.80 inches	Volume: 47.16 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 91.00 ft	Diameter: 2.25 inches	Volume: 0.45 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.61 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3478.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	49.00 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			3452.00	
Shut In Tool	5.00			3457.00	
Hydraulic tool	5.00			3462.00	
Jars	5.00			3467.00	
Safety Joint	2.00			3469.00	
Packer	4.00			3473.00	27.00 Bottom Of Top Packer
Packer	5.00			3478.00	
Stubb	1.00			3479.00	
Recorder	0.00	6625	Outside	3479.00	
Recorder	0.00	8679	Inside	3479.00	
Perforations	17.00			3496.00	
Bullnose	4.00			3500.00	22.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

14-7s-19w Rooks,KS

9342 East Central
Wichita, KS 67206

Farr Trust "B" #1-14

Job Ticket: 60470

DST#: 4

ATTN: Dave Williams

Test Start: 2014.07.07 @ 02:15:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	S,O,C,M, 10%O 90%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

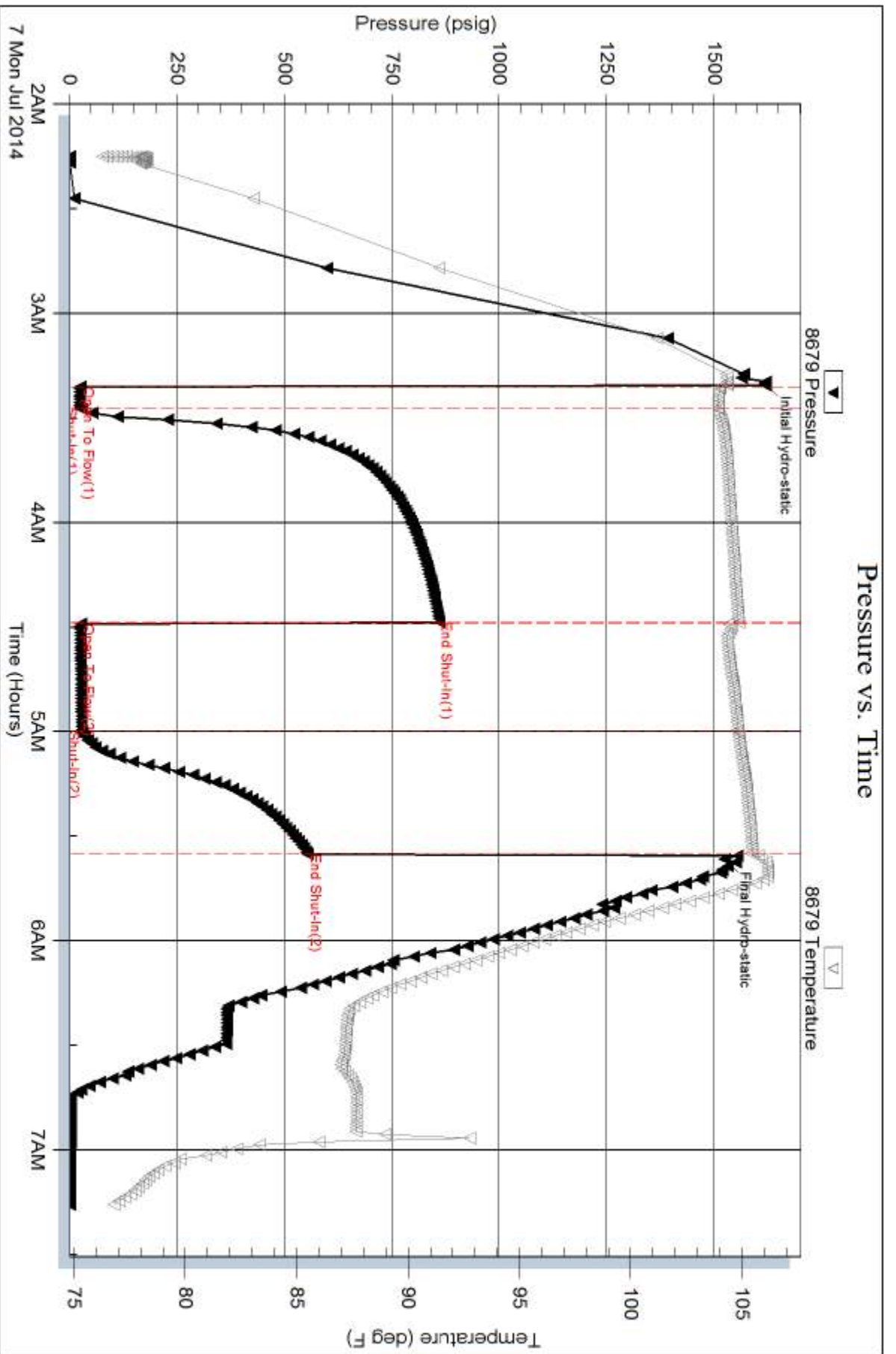
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

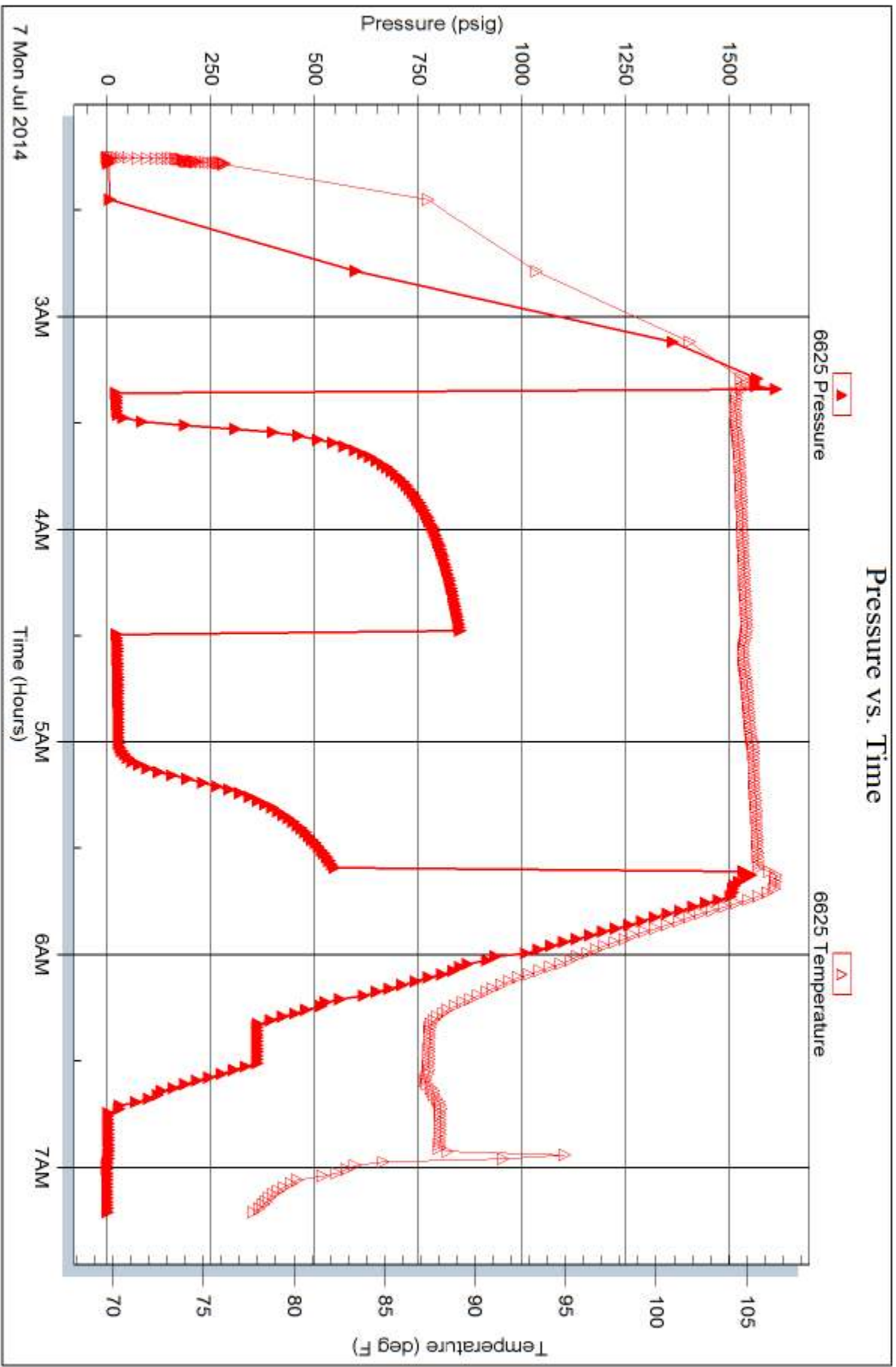


Serial #: 6625

Outside McCoy Petroleum Corp.

Farr Trust "B" #1-14

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55298

Well Name & No. Farr Trust "B" #1-14 Test No. 1 Date 7-4-14
 Company McCoy Petroleum Corp. Elevation 1960 KB 1955 GL
 Address 9342 East Central Wichita KS. 67206
 Co. Rep / Geo. Dave Williams Rig Murfin 24
 Location: Sec. 14 Twp. 7 S. Rge. 19 W Co. Rooks State KS.

Interval Tested 3112 - 3170 Zone Tested toronto - lan. "A"
 Anchor Length 58' Drill Pipe Run 3024 Mud Wt. 8.9
 Top Packer Depth 3107 Drill Collars Run 91 Vis 48
 Bottom Packer Depth 3112 Wt. Pipe Run _____ WL 5.6
 Total Depth 3170 Chlorides 1000 ppm System LCM 2

Blow Description I.F. - 5. 1/2" INT. Blow Built to (1" in 5 min.)
I.S.I-66-NO B.B.
F.F.-90-W.S.B. Started @ 6 min Built to (2" in 90 min.)
F.S.I-120-NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>100</u>	Feet of <u>S, O, S, M "Few oil SPECS"</u>	%gas	<u>1</u> %oil	%water	<u>99</u> %mud
Rec _____	Feet of <u>(SHOW OF FREE OIL IN TEST TUB)</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 100 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1498</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>18:30:00</u>
(B) First Initial Flow <u>44</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:05:00</u>
(C) First Final Flow <u>49</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>21:37:00</u>
(D) Initial Shut-In <u>1269</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>02:12:00</u>
(E) Second Initial Flow <u>57</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>03:52:00</u>
(F) Second Final Flow <u>88</u>	<input checked="" type="checkbox"/> Mileage <u>99/R.T</u> <u>153.45</u>	Comments _____
(G) Final Shut-In <u>961</u>	<input type="checkbox"/> Sampler _____	<u>"Thank-You"</u>
(H) Final Hydrostatic <u>1489</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>90</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>120</u>	<input type="checkbox"/> Day Standby _____	Total <u>1628.45</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1628.45</u>	

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. 55299

Well Name & No. Farr Trust "B" #1-14 Test No. 2 Date 7-5-14
 Company McCoy Petroleum Corp. Elevation 1960 KB 1955 GL
 Address 7342 East Central Wichita KS. 67206
 Co. Rep / Geo. Dave Williams Rig Murfin 24
 Location: Sec. 14 Twp. 7-5 Rge. 19 - W. Co. ROOKS State KS.

Interval Tested 3170 - 3236 Zone Tested Lans. C, D, E, F
 Anchor Length 66' Drill Pipe Run 3062 Mud Wt. 9.2
 Top Packer Depth 3165 Drill Collars Run 91 Vis 48
 Bottom Packer Depth 3170 Wt. Pipe Run — WL 5.8
 Total Depth 3236 Chlorides 9,000 ppm System LCM 2

Blow Description I.F.-5-1/2" Int. Blow Built to (9" in 5 min.)
I.S.I.-60 - No B.B.
F.F.-90 - 1/2" Int. Blow Built to (B.V.B. in 5 min.) GAS to surface in 75 min.
E.S.F.-120 - W.S. B.B. started @ 10 min. Built to 2" then died in 70 min.

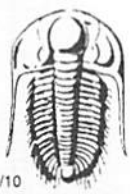
Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>2192' G.I.P</u>	<u>100</u>			
<u>776</u>	<u>C/O</u>		<u>100</u>		
<u>63</u>	<u>S, O, L, G, M</u>	<u>35</u>	<u>5</u>		<u>60</u>
<u>20</u>	<u>S, O, S, M, W</u>		<u>2</u>	<u>88</u>	<u>10</u>

Rec Total 859' BHT 110 Gravity 31.8 API RW 45 @ 88.6 °F Chlorides 10,000 ppm

(A) Initial Hydrostatic 1,508 Test 1150 T-On Location 12:30:00
 (B) First Initial Flow 36 Jars 250 T-Started 12:50:00
 (C) First Final Flow 69 Safety Joint 75 T-Open 15:09:00
 (D) Initial Shut-In 1,031 Circ Sub _____ T-Pulled 19:44:00
 (E) Second Initial Flow 78 Hourly Standby _____ T-Out 22:17:00
 (F) Second Final Flow 267 Mileage 99 / R.T. 153.45 Comments _____
 (G) Final Shut-In 917 Sampler _____ Thank-you
 (H) Final Hydrostatic 1,488 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 1628.45
 Final Shut-In 120 Accessibility _____ MP/DST Disc't _____
 Sub Total 1628.45

Approved By _____ Our Representative B. J. Arnold
 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. **55300**

Well Name & No. Farr trust "B" #1-14 Test No. 3 Date 7-6-14
 Company McCoy Petroleum Corp Elevation 1960 KB 1955 GL
 Address 9342 East Central Wichita KS, 67206
 Co. Rep / Geo. Dave Williams Rig Murfin 24
 Location: Sec. 14 Twp. 7-5. Rge. 19 - w. Co. ROOKS State KS.

Interval Tested 3260-3335 Zone Tested K.C. - H, I, J,
 Anchor Length 75 Drill Pipe Run 3151 Mud Wt. 9.2
 Top Packer Depth 3255 Drill Collars Run 91 Vis 46
 Bottom Packer Depth 3260 Wt. Pipe Run — WL 7.8
 Total Depth 3335 Chlorides 1800 ppm System LCM 1

Blow Description I.F. - 5-1/2" INT. Blow Built to (B.O.B. in 1 1/2 min.)
I.S.P. - 60 - No. B.B.
I.F. - 90 - 1/2" INT. Blow Built to (B.O.B. in 1 1/2 min.) GAS. to surface 30m.in...
I.S.P. - 120 - W.S. B.B. started @ 2 min. Built to

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>1367 G.I.P</u>				
<u>1694</u>	<u>C, O, B</u>		<u>100%</u>		
<u>129</u>	<u>S, O, C, M, W</u>		<u>10</u>	<u>80</u>	<u>10</u>

Rec Total 1818 BHT 112 Gravity 29.6 API RW 3.72 @ 98.2 °F Chlorides 1200 ppm

(A) Initial Hydrostatic 1572 Test 1150 T-On Location 08:30:00
 (B) First Initial Flow 137 Jars 250 T-Started 08:50:00
 (C) First Final Flow 200 Safety Joint 75 T-Open 10:58:00
 (D) Initial Shut-In 899 Circ Sub Dropped Bar 50 T-Pulled 15:33:00
 (E) Second Initial Flow 207 Hourly Standby T-Out 19:46:00
 (F) Second Final Flow 743 Mileage 99 R.T. 153.45 Comments Dropped Bar
 (G) Final Shut-In 846 Sampler Thank-you
 (H) Final Hydrostatic 1513 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 1678.45
 Final Shut-In 120 Accessibility MP/DST Disc't
 Sub Total 1678.45

Approved By _____ Our Representative Bul Hamu

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

60476

NO.

4/10

Well Name & No. Farm trust "B" 1-14 Test No. 4 Date 7-7-14
 Company McCoy Petroleum Corp. Elevation 1960 KB 1955 GL
 Address 9342 East Central Wichita KS. 67206
 Co. Rep / Geo. Dave Williams Rig Murfin 24
 Location: Sec. 14 Twp. 7-S. Rge. 19-W Co. ROCKS. State KS.

Interval Tested 3478-3500 Zone Tested K.C. - "K"
 Anchor Length 22 Drill Pipe Run 3362 Mud Wt. 9.2
 Top Packer Depth 3473 Drill Collars Run 91 Vis 46
 Bottom Packer Depth 3478 Wt. Pipe Run — WL 7.6
 Total Depth 3500 Chlorides 1,800 ppm System LCM 1
 Blow Description I.F.-S- No Blow

I.S.I-60- No Blow
F.F-30- No Blow
F.S.I-30- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>5,060 M</u>		<u>10</u>		<u>90</u>
	<u>(Show of Free oil in tub)</u>				

Rec Total 10 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,617 Test 1150 T-On Location 1:30:00
 (B) First Initial Flow 25 Jars 250 T-Started 2:15:00
 (C) First Final Flow 29 Safety Joint 75 T-Open 3:24:00
 (D) Initial Shut-In 860 Circ Sub _____ T-Pulled 05:49:00
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 07:15:00
 (F) Second Final Flow 28 Mileage 99/R.T. 153.45 Comments _____
 (G) Final Shut-In 106 Sampler _____ Thank-you
 (H) Final Hydrostatic 1,525 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 30

Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1628.45 Total 1628.45 MP/DST Disc't _____

Approved By _____ Our Representative Bob Stone

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.

ALLIED OIL & GAS SERVICES, LLC 055297

Federal Tax I.D.# 20-5975804

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

SERVICE POINT Russell

DATE <u>7/1/14</u>	SEC <u>14</u>	TWP <u>7</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>1000</u>	JOB FINISH <u>1100</u>
LEASE <u>Farr 7</u>	WELL # <u>B1-14</u>	LOCATION <u>Stockton Kc</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>W do sd rd n dm w imp</u>					

CONTRACTOR Martin #24 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 8 5/8 T.D. _____

CASING SIZE _____ DEPTH 220'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 130.9 1200

CEMENT AMOUNT ORDERED 165 CO

+ 27.1 gal + 37.00

COMMON <u>1655k</u>	@ <u>17.70</u>	\$ <u>29535.00</u>
POZMIX _____	@ _____	_____
GEL <u>312lb</u>	@ <u>1.05</u>	\$ <u>327.60</u>
CHLORIDE <u>468lb</u>	@ <u>1.10</u>	\$ <u>514.80</u>
ASC _____	@ _____	_____
<u>Material</u>	@ _____	<u>3795.90</u>
<u>Slur</u>	@ _____	<u>1062.85</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>1655k Hz</u>	@ <u>2.48</u>	\$ <u>409.20</u>
MILEAGE <u>273</u> <u>7/m</u>	@ <u>2.75</u>	\$ <u>750.75</u>

EQUIPMENT

PUMP TRUCK # 477 CEMENTER Greg Pannensch

BULK TRUCK # 410 DRIVER Tracy J.

BULK TRUCK # _____ DRIVER _____

REMARKS:

TOTAL 7

See Cementing Job Log

Cement & Extra gas

CHARGE TO: McCoy Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 220'

PUMP TRUCK CHARGE \$1512.25

EXTRA FOOTAGE @ _____

MILEAGE 273 35 @ 7.7 \$ 2095.50

MANIFOLD Light 35 @ 4.4 \$ 154.00

_____ @ _____

_____ @ _____

TOTAL \$3095.70

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

PRINTED NAME Anthony Martin

TOTAL CHARGES \$6891.60

SIGNATURE Anthony Martin

DISCOUNT 1929.64 (28%) IF PAID IN 30 DAYS

net 4961.96

ALLIED OIL & GAS SERVICES, LLC 055300

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>7.8.14</u>	SEC <u>14</u>	TWP <u>7</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>0711</u>	JOB FINISH <u>411 PM</u>
LEASE <u>Frack Tract</u>		WELL # <u>B1-14</u>	LOCATION <u>Stockton Ks</u>			COUNTY <u>Hooks</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)			<u>W to rd 12 2 n 300 # W</u>				

CONTRACTOR <u>Martin #24</u>	OWNER
TYPE OF JOB <u>Long String</u>	
HOLE SIZE <u>7 7/8 T.D.</u>	CEMENT
CASING SIZE <u>4 1/2</u>	AMOUNT ORDERED <u>200SK ASCA</u>
TUBING SIZE	<u>Blend</u>
DRILL PIPE	
TOOL	
PRES. MAX	COMMON <u>200SK ASCA @ 23.50 \$ 4,700.00</u>
MEAS. LINE	POZMIX @
CEMENT LEFT IN CSG. <u>42.99</u>	GEL @
PERFS.	CHLORIDE @
DISPLACEMENT <u>54.99</u>	ASC @

EQUIPMENT	
PUMP TRUCK # <u>417</u>	CEMENTER <u>Gary Pfennstip</u>
BULK TRUCK # <u>410</u>	HELPER <u>Danny S</u>
BULK TRUCK #	DRIVER <u>Kevin R</u>
BULK TRUCK #	DRIVER

1X <u>700 gal mmdd</u>	@	
<u>FLUSH</u>	@	<u>1.40 \$ 1,050.00</u>
<u>Mitral</u>	@	<u>5750.00</u>
<u>Blue</u>	@	<u>1725.00</u>
HANDLING <u>200SK 4 1/2</u>	@	<u>2.40 \$ 496.10</u>
MILEAGE <u>282</u>	<u>7m</u>	<u>2.75 \$ 775.50</u>
		TOTAL <u>\$ 17,021.50</u>

REMARKS: _____

See Cementing Job Log

CHARGE TO: McCoy Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL \$ 17,021.50

PLUG & FLOAT EQUIPMENT

1X <u>4 1/2 Float Shoe</u>	@	<u>425.00</u>
1X <u>4 1/2 Latent Down Assy</u>	@	<u>605.00</u>
6X <u>4 1/2 Port Collar</u>	@	<u>3,250.00</u>
1X <u>4 1/2 Centralizer</u>	@	<u>57.00</u>
1X <u>4 1/2 Basket</u>	@	<u>315.00</u>
5X <u>4 1/2 Turboliner</u>	@	<u>90.00 \$ 450.00</u>
<u>Blue</u>		<u>1545.60</u>
		TOTAL <u>\$ 5,152.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES \$ 15,601.25

DISCOUNT \$ 4,680.38 IF PAID IN 30 DAYS

Net 10920.88

PRINTED NAME _____

SIGNATURE Russell

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

ALLIED OIL & GAS SERVICES, LLC 055391

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <u>8-4-14</u>	SEC. <u>14</u>	TWP. <u>7</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Ferris Trust</u>	WELL # <u>B1-14</u>		LOCATION <u>Stockton 8W 2N W. 10</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Leikur

TYPE OF JOB Port collar

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH 1472

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5.7

OWNER _____

CEMENT AMOUNT ORDERED 275 Acan 270cc

COMMON _____ @ _____	POZMIX _____ @ _____
GEL _____ @ _____	CHLORIDE <u>518"</u> @ <u>1.10</u> <u>569.80</u>
ASC _____ @ _____	Acan <u>275</u> @ <u>25.00</u> <u>6875.00</u>
<u>Materials</u> @ _____ <u>7444.80</u>	<u>Disc</u> @ <u>3456.78</u>
HANDLING <u>275 sfs</u> @ <u>2.48</u> <u>682.00</u>	MILEAGE <u>324 t/m</u> @ <u>2.75</u> <u>890.51</u>
TOTAL <u>9077.11</u>	

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y

409 HELPER Nathan Danner

BULK TRUCK # 481 DRIVER Kevin Rupp

BULK TRUCK # _____ DRIVER _____

REMARKS:

See log

cement did not circulate

Thank you!!!

CHARGE TO: McCoy Petroleum Corp

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____ 1472

PUMP TRUCK CHARGE _____ 2249.89

EXTRA FOOTAGE @ _____

MILEAGE 25 L.V.M.I @ 4.40 110.00

MANIFOLD 50 HVMI @ 7.20 385.00

Disc 1424.66

TOTAL 4317.15

PLUG & FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Russell

SIGNATURE Russell

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 11,761.95

DISCOUNT 3881.44 (33%) IF PAID IN 30 DAYS

net \$ 7880.51

ALLIED OIL & GAS SERVICES, LLC 055466

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <i>8.11.14</i>	SEC <i>14</i>	TWP <i>7</i>	RANGE <i>19</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Farr Trub</i>	WELL # <i>B1-14</i>	LOCATION <i>Stockton Kc</i>	COUNTY <i>Frank</i>	STATE <i>Kc</i>			
OLD OR NEW (Circle one)			<i>W to 12nd 2 1/2 n w 1st</i>				

CONTRACTOR *Heiter Well Service* OWNER _____

TYPE OF JOB *1" Backside Fill*

HOLE SIZE _____ T.D. _____ CEMENT _____

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED *250 SL*

TUBING SIZE *1"* DEPTH *400'*

DRILL PIPE _____ DEPTH _____ *FLUON Blend + 21. cc +*

TOOL _____ DEPTH _____ *21. Gyp sol + 21. met sol*

PRES. MAX _____ MINIMUM _____ COMMON _____ @ _____

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____

CEMENT LEFT IN CSG. _____ GEL _____ @ _____

PERFS. _____ CHLORIDE *142lb* @ *1.10* \$ *156.20*

DISPLACEMENT *1/2" 112"* ASC _____ @ _____

EQUIPMENT *ALCON 95 SL* @ *250* \$ *1875.00*

PUMP TRUCK # <i>417</i>	CEMENTER <i>Joey Pannard</i>	_____	_____
BULK TRUCK # <i>481</i>	HELPER <i>Danny G.</i>	<i>Materials</i>	@ <i>2031.20</i>
BULK TRUCK # _____	DRIVER <i>Kevin B.</i>	<i>Line</i>	@ <i>406.24</i>
BULK TRUCK # _____	DRIVER _____	_____	@ _____

HANDLING *75 SL 413* @ *2.48* \$ *186.00*

MILEAGE *171.5* @ *2.75* \$ *471.63*

TOTAL *2705.33*

REMARKS:

See Comments Job log

Cement to Surface

SERVICE

DEPTH OF JOB *400*

PUMP TRUCK CHARGE @ *2249.82*

EXTRA FOOTAGE @ _____

MILEAGE *Heavy 100* @ *7.17* \$ *717.00*

MANIFOLD *Light 50* @ *4.4* \$ *220.00*

_____ @ _____

_____ @ _____

Line 782.80 TOTAL *3239.64*

CHARGE TO: *McCoy Petroleum*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE *Paul Allen*

SALES TAX (If Any) _____

TOTAL CHARGES *\$5945.17*

DISCOUNT *1189.04* *20%* IF PAID IN 30 DAYS

NO *\$4756.13*