Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1222295

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 # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Dave Williams
Purchaser: None

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 #:

7/19/2014	7/27/2014	8/20/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24232-00-00
Spot Description: N2 SE SW
_ N2 _ SE _ SW Sec. 14 Twp. 7 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: Rooks
Lease Name: SHIRLEY ANN A Well #: 1-14
Field Name: Grover
Producing Formation: None
Elevation: Ground: 1922 Kelly Bushing: 1927
Total Vertical Depth: 3500 Plug Back Total Depth: 3440
Amount of Surface Pipe Set and Cemented at: 220 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: 77000 ppm Fluid volume: 700 bbls
Dewatering method used: Evaporated
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: 09/10/2014
☑ **Confidential Release Date:** 09/09/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 09/10/2014

[redacted] 1222295

Operator Name: McCoy Petroleum Corporation Lease Name: SHIRLEY ANN A Well #: 1-14

Sec. 14 Twp. 7 S. R. 19 ☐ East ☑ West County: Rooks

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:

Pioneer Energy Svcs: Dual Induction, Dual Compensated Porosity, Microlog, Computer Processed, 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
Surface	12.25	8.625	23	220	Common	165	3%CC
Production	7.875	5.5	14	3495	ASC	100	

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	3412-3417' (Arbuckle)	AC: 250gals 15% MCA.	3417
4	3386-3398' (Arbuckle)	Set CIBP @ 3406'	3398
4	3328-3332, 3308-3312', 3286-3292', 3266-3274' (LKC L,K,J,I)	Set CIBP @ 3360'. AC: 1000gals 15% Ne-Fe. REAC: 2500gals 15% Ne-Fe., 100 ball sealers	3332

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

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

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

DISPOSITION OF GAS: ☐ 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: Completion Failed P&A

Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	SHIRLEY ANN A 1-14
Doc ID	1222295

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	220	Common	165	3%CC
Production	7.875	5.5	14	3495	ASC	100	

SHIRLEY ANN “A” #1-14 ACO-1 Supplemental (Sample and Log Tops)

SAMPLE TOPS
McCoy Petroleum Corp.
Shirley Ann 'A' #1-14
N2 SE SW SW NW SE SW SW SW
990'FSL & 1980'FWL
Sec 14-7s-19w
KB: 1927’

	Depth	Datum
Anhydrite	1416	+511
Base Anhydrite	1450	+477
Topeka	2860	-933
Heebner	3070	-1143
Toronto	3094	-1167
Lansing 'A'	3108	-1181
Lansing 'B-C'	3145	-1218
Lansing 'D'	3164	-1237
Lansing 'E'	3186	-1259
Lansing 'F'	3196	-1269
Lansing 'G'	3206	-1279
KC 'H'	3242	-1315
KC 'I'	3264	-1337
KC 'J'	3282	-1355
Stark	3294	-1367
KC 'K'	3301	-1374
Hushpuckney	3326	-1399
BKC	3336	-1409
Arbuckle	3384	-1457
RTD	3500	-1573

LOG TOPS
McCoy Petroleum Corp.
Shirley Ann 'A' #1-14
N2 SE SW SW NW SE SW SW SW
990'FSL & 1980'FWL
Sec 14-7s-19w
KB: 1927’

	Depth	Datum
Anhydrite	1414	+513
Base Anhydrite	1448	+479
Topeka	2858	-931
Heebner	3071	-1144
Toronto	3096	-1169
Lansing 'A'	3110	-1183
Lansing 'B-C'	3148	-1221
Lansing 'D'	3170	-1243
Lansing 'E'	3188	-1261
Lansing 'F'	3196	-1269
Lansing 'G'	3206	-1279
KC 'H'	3244	-1317
KC 'I'	3266	-1339
KC 'J'	3284	-1357
Stark	3294	-1367
KC 'K'	3306	-1379
Hushpuckney	3320	-1393
BKC	3334	-1409
Arbuckle	3384	-1457
LTD	3500	-1573

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

Well Name:	**SHIRLEY ANN 'A' #1-14**
API:	**15-163-24,232-00-00**
Location:	**N2 - SE - SW of Sec. 14 - T 7 S. - R19 W.**
License Number:	**KCC #5003**
Region:	**Rooks Co., KS**
Spud Date:	**07/19/2014**
Drilling Completed:	**07/26/2014**
Surface Coordinates:	**990' FSL & 1980' FWL**
Bottom Hole Coordinates:	
Ground Elevation (ft):	**1922'**
K.B. Elevation (ft):	**1927'**
Logged Interval (ft):	**220' To: 3499'**
Total Depth (ft):	**3500'**
Formation:	**ARBUCKLE**
Type of Drilling Fluid:	**Chemical/Polymer/Gel & Mud Displacement at 2688'.**

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., KSBTP #88
Company: DW ENERGY, LLC (DWE)
Address: 312 N. BROADVIEW STREET
WICHITA, KANSAS 67208

Casing & Deviation Survey's:

Spud at 2:00 PM on 07/19/2014. Ran 5 joints of new 8-5/8" 23# surface casing. Tally 210.99'. Set at 219.99' 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; @ 3110' = 3/4 degree; @ 3500' = 1/2 degree.

DSTs

~~DST # 1~~ Interval: 3043'- 3110'. Times: 5"-45"-45"-45".
Blow: IF=Weak/1/2". No Blow Back During ISIP. FF= No Blow (w/Slight Plugging/15"). No Blow Back During FSIP.
Recovery: 5' M (100%M).
Pressures: IH=1467#; FH=1410#; IF=22-23#; FF=27-38#; ISIP= 916#; FSIP=877#:TEMP.=101 degrees F..

~~DST #2~~ Interval: 3176'- 3240'. Times: 5"-60"-90"-120".
Blow: IF=Weak/2 1/2". No Blow Back During ISIP. FF= Good Blow/10.5". No Blow Back During FSIP.
Recovery: 120' TF: 10' GOCM (10% G & 20% O & 70% M); 110' WCM (80% W & 20% M).
Pressures: IH=1519#; FH=1517#; IF=23-28#; FF=34-101#; ISIP= 728#; FSIP=648#: TEMP.=101 degrees F.; Chl.=9500 Ppm.;
API Rw=.521 @ 94 degrees. F..

~~DST #3~~ Interval: 3247'- 3344'. Times: 5"-60"-60"-60".
Blow: IF=Weak/1/4". No Blow Back During ISIP. FF= No Blow (Flushed Took & Surge-No Help). No Blow Back During FSIP.
Recovery: 3' M (100%M). Tool Plugged Both IF & FF.
Pressures: IH=1586#; FH=1505#; IF=39-30#; FF=172-71#; ISIP= 708#; FSIP=608#: TEMP.=101 degrees F..

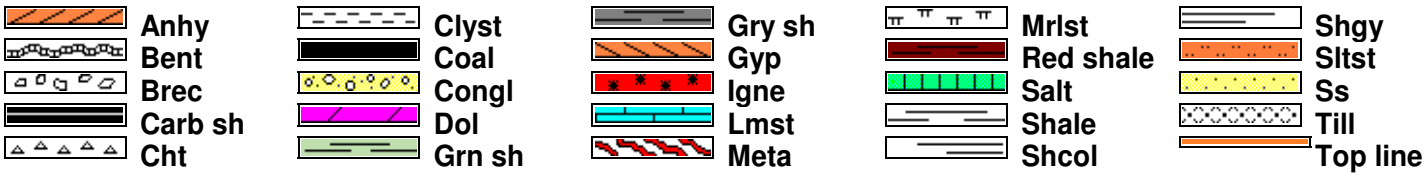
Comments

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



ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Slty
- 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

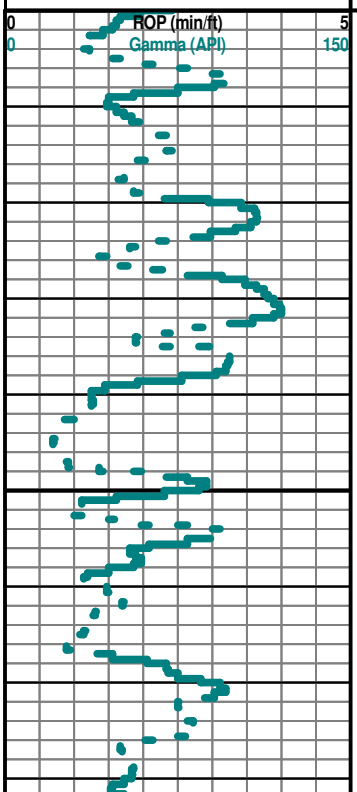
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

OIL SHOW
- Gas show

ROUNDING
- Even
- Spotted
- Ques
- Dead

INTERVAL
- Dst
- Dst_alt

EVENT
- Rft
- Sidewall



Depth | Lithology | Oil Shows | Geological Descriptions | TG, C1-C5

McCoy Petroleum Corporation
SHIRLEY ANN 'A' #1-14
N2 - SE - SW
990' FSL & 1980' FWL
Sec. 14 - T 7 S - R19 W
Rooks County, Kansas
API: 15-163-24,232-00-00
Murfin Drilling: Rig #24
Elevations: 1927' KB; 1922' GL

Geologist on location: 2705' @ 6:15 PM on 7/21/2014

Stone Corral Anhydrite Sample Top = 1416' (+ 511)
Stone Corral Anhydrite Sample Base =1450' (+477)

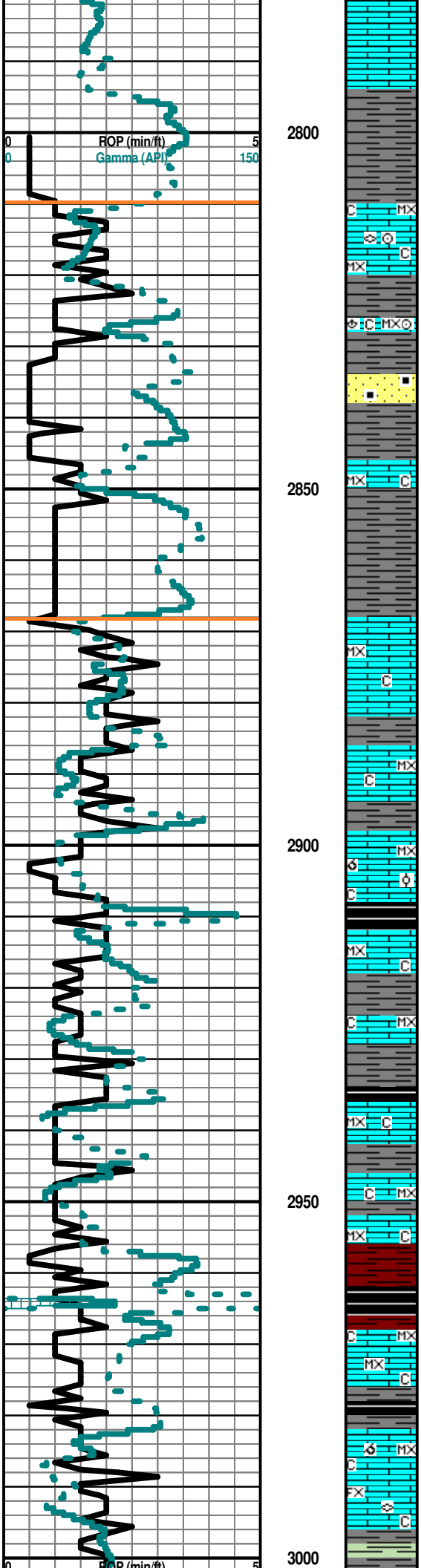
Stone Corral Anhydrite Electric Log Top = 1414' (+ 513)
Stone Corral Anhydrite Electric Log Base = 1448' (+479)

DEVIATION SURVEY'S: @ 220'= 1/2 degree; @ 3110' = 3/4 degree; @ 3500' = 1/2 degree.

MUD DISPLACEMENT @ 2658'
Mudco Mud Ck @ 2,408'
10:00 AM
7/21/2014
Vis= 28
WT = 9.1
PV = NC
YP = NC
WL= NC
Chl = 12,000
Cal = Hvy
Sol = 5.0%
LCM = NIL#
DMC =$4,355.80
CMC=$5,058.00

@ 1815' Lost Partial Circulation = 40 Bbls..

@ 2200' Lost Partial Circulation = 120 Bbls..



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

Begin 10' Sample Examination at 2800'

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

_____ HOWARD 2812' (- 885) _____

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

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

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

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

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

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

_____ TOPEKA 2858' (- 931)_____

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

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

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

Ls Crm-Tan-Wht Microxln 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

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

Ls Crm-Tan-Wht Microxln Dns Micrite Grad Poor Gran Por (w/Poor Igran PorSh Gry-Char "Gummy" Softl No Odor No Flor No Stn NS

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

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

Ls Crm-Tan-Wht Microxln Dns Micrite Grad Poor Igran Por Chalky Sh Red-Gry-Char-Blk Carb (Wash Red) Soft-Fissil No Odor No Flor No Stn NS

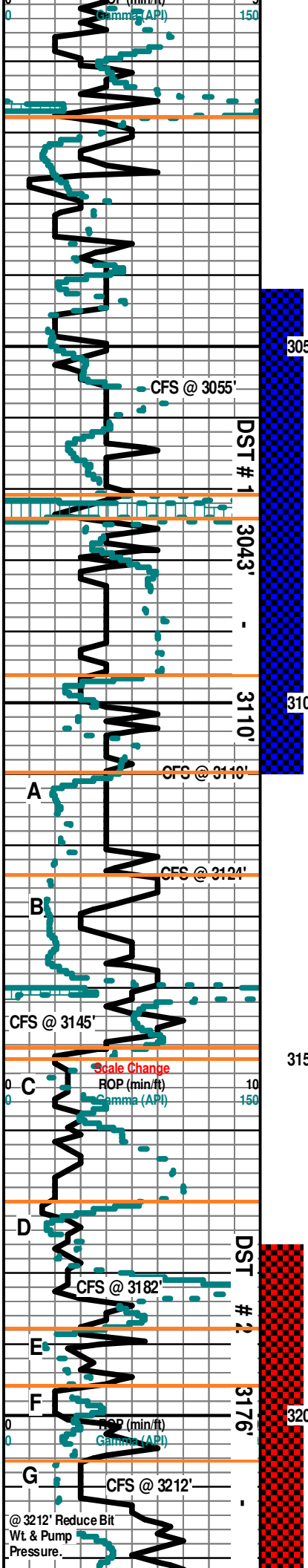
Ls Crm-Tan-Wht Microxln Dns Micrite Grad Poor Igran Por Chalky Sh Red-Gry-Char Soft No Odor No Flor No Stn NS

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

Ls Wht-Crm Microxln Dns Micrite Grad Poor OOM Por Poor Dissolu Poor Develop Barren Chalky Sh Gry-Char-Blk Carb Soft-Fissil No Odor Fair ? Min Flor No Stn NS

Ls Wht -Crm-Tan Fxln Dns Micrite Grad Poor Igran Por Chalky Fos (Fuss) Sh Gry-Char Soft-Fissil No Odor No Flor No Stn NS

Sh Gry/Grn Soft Ls Tan-Crm-Gry Fxln Dns Micrite Fos (Fuss) Abd Chalk



No Odor No Flor No Stn NS

Sh Gry/Grn Soft-Fissil Ls Tan-Crm-Gry Fxln Dns Micrite Cht Amber Translu Shp Vit Fos (Fuss) Abd Chalky No Odor No Flor No Stn NS

Sh Gry/Grn Soft Ls Tan-Crm-Gry Fxln Dns Micrite Cht Amber Translu Shp Vit Fos (Crin) Abd Chalky No Odor No Flor No Stn NS

Ls Gry-Tan-Crm Fxln Dns Micrite Fos (Fuss) VAbd Cht Wht Op Shp Vit Chalky Sh Gry Soft No Odor No Flor No Stn NS

30" CFS @ 3055' Ls Gry-Tan-Crm Fxln Dns Micrite Cht Wht Translu-Op (w/Fos (Crin) Inclus) Chalky Fos (Fuss) Sh Gry Soft Faint Odor Sli ? Min Flor No Stn NS

60" CFS @ 3055' Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Cht Wht-Drk Tan Op Shp Vit Fos (Crin, Fuss) V Chalky Sh Gry Soft Med-Good Odor Sli ? Min Flor No Stn NS

Ls Wht-Crm-Tan Fxln Dns Micrite Grad Fair-Med Ixln "Salt & Pepper" Por (w/Fos (Fuss) Inclus) Fair Leaching Grad Small Vug Ixln Por (w/Fair-Med SG & SFO in Tray Drk Brn) (Gas & Oil Do Not Flor) Sh Gry Soft-Fissil Good Odor Sli ? Min Flor Drk Brn Stn FSG & FSFO

HEEBNER 3071' (- 1144)

Sh Blk Carb Fissil Ls Wht-Crm-Tan-Gry Microxln Dns Micirite (w/Pyr Inclus) Chalky ? Faint Odor No Stn No Flor NS

Sh Gry/Grn "V Gummy"-Tr Blk Carb Fissil Ls Wht-Crm-Tan Microxln Dns Micirite (w/Pyr Inclus) Chalky ? Faint Odor No Stn No Flor NS

TORONTO 3096' (- 1173)

30" CFS @ 3110' Ls Wht-Crm-Tan Microxln Dns Micirite Fos (Brach) Pyr Mass Chalky Sh Gry/Grn Fissil No Odor No Stn No Flor NS

60" CFS @ 3110' Ls Wht-Crm-Tan Microxln Dns Micirite Fos (Crin, Fuss) Cht Wht Op Shp Vit Chalky Sh Gry/Grn Fissil No Stn Sli Odor No Flor NS

LANSING 3110' (- 1183)

30" CFS @ 3124' Ls Wht-Crm-Tan-Gry Microxln Dns Micirite Fos (Crin, Fuss) Cht Wht-Gry Translu-Op Shp Vit Chalky Sh Char-Gry/Grn Fissil No Stn No Odor Sli ? Min Flor (Dull Grn) NS

60" CFS @ 3124' Ls Wht-Crm-Tan-Gry Microxln Dns Micirite Cht Wht-Gry Translu-Op Shp Vit Pyr Mass Chalky Sh Char-Gry/Grn Fissil No Stn No Odor Sli ? Min Flor (Dull Grn) NS

30" CFS @ 3145' Ls Wht-Crm-Tan-Gry Microxln Dns Micirite Grad Poor Ixln Sli Vug Por (w/ 1 Pc ? Lt Brn Stn) Cht Wht-Gry Translu-Op Shp Vit Pyr Mass Chalky Sh Char-Gry/Grn Fissil No Stn No Odor Sli ? Min Flor (Dull Grn) NS

60" CFS @ 3145' Ls Wht-Crm-Tan-Gry Microxln Dns Micirite Cht Wht-Gry Translu-Op Shp Vit Pyr Mass Chalky Sh Char-Gry/Grn Fissil No Stn No Odor Sli ? Min Flor (Dull Grn) NS

Sh Red-Maroon-Grn/Gry-Aqua Soft Abd (Wash Red) Ls Gry-Wht Microxln Dns Micrite Barren Chalky No Vis Por No Odor No Flor No Stn NS

Sh Red-Maroon-Grn/Gry-Aqua Soft Abd (Wash Red) Ls Gry-Wht Microxln Dns Micrite Barren Chalky No Vis Por No Odor No Flor No Stn NS

30" CFS @ 3182' Ls Wht-Crm-Tan Fxln-Microxln Dns Micrite Grad Poor Ixln Por Poor Leaching Chalky Sh Red-Char Soft No Odor No Flor No Stn NS

60" CFS @ 3182' Ls Wht-Crm-Tan Fxln-Microxln Dns Micrite Grad Poor Ixln Por Poor Leaching Chalky Sh Red-Char Soft No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Fxln Fair-Med Ixln (w/Tr. Vug Ixln Por) Grad Fair OOL (w/Small-Med OOids in pl) Fair-Med Leaching (w/SSG & SSFO Under Wtr in Heat) Gas & Oil Do Not Flor Chalky Sh Red-Gry-Aqua Fair-Med Odor No Flor Sli Stn SSG & SSFO (in Tray)

30" CFS @ 3212' Ls Wht-Crm Fxln Med-Good "Salt & Pepper" Pin-Pt Ixln Por (w/Vug Ixln) Grad Fair OOL/OOM Por (w/Small OOids in pl) Fair-Med Leaching (w/GSG & Lt-Drk Brn Stn GSFO Under Wtr in Heat) Gas & Oil Do Flor Cht Wht Op Shp Vit Fos (Brach) Pyr Mass Chalky Sh AA Good Odor Med Flor (Lt Grn) GSG & GSFO

60" CFS @ 3212' Ls Wht-Crm Fxln Med-Good "Salt & Pepper" Pin-Pt Ixln Por (w/Vug Ixln) Grad Fair OOL/OOM Por (w/Small OOids in pl) Fair-Med Leaching (w/GSG & Lt-Drk Brn Stn GSFO Under Wtr in Heat) Gas & Oil Do Flor Cht Wht Op Shp Vit Pyr Mass Chalky Sh AA Good Odor Med Flor (Lt Grn) GSG & GSFO

Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Cht Wht Op Shp Vit Pyr Mass Chalky Sh Char-Gry- Aqua Soft-Fissil (Abd LCM) Fair Flor No Stn Faint Odor NS

9:38 AM 7/22/2014
Vis= 45
WT = 8.8
PV = 11
YP = 18
WL= 8.0
Chl = 7,100
Cal = 20
Sol = 3.3%
LCM = 2#
DMC=$4,771.05
CMC=$9,829.05

@ 3032' Lost Partial Circulation=100 Bbls. Mud During Short Trip, & TOH & TIH. Attempt to Raise Vis & LCM= 4#.

~~DST # 1~~
Interval: 3043'- 3110'.
Times: 5"-45"-45"-45".
Blow: IF=Weak/1/2". No Blow Back During ISIP. FF= No Blow (w/Slight Plugging/15"). No Blow Back During FSIP.
Recovery: 5' M(100%M).
Pressures:
IH = 1467#;
FH = 1410#;
IF = 22-23#;
FF = 27-38#;
ISIP = 916#;
FSIP = 877#:
TEMP. = 101 degrees F..

Pipe Strap= <1.17'> Long to Board. No Correction. Made.

@ 3125' Reduce Weight On Bit = 30,000# & Pump Press. To 600# (Due To Continuing Partial Loss of Returns). LCM Inc.= 8#.

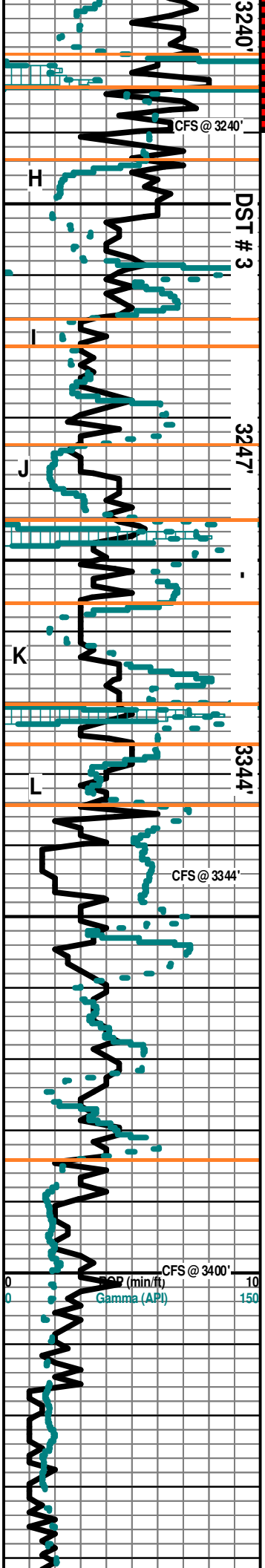
Mudco Mud Ck @ 3,182' @ 9:00 AM 7/23/2014
Vis= 47
WT = 8.8
PV = 13
YP = 18
WL= 6.8
Chl = 7,500
Cal = Tr.
Sol = 3.3%
LCM = 5#
DMC=$4,114.80
CMC=$13,943.95

@ 3182' Mix 40 Sxs. Barr Mud & Pit Mud to Inc. Mud Weight. Reduce Weight On Bit = 28,000# & Pump Press. To 500-550## (Due To

@ 3212' Continuing Partial Loss of Returns). Mix 40 Bbls. Barr Mud to Inc. Weight. LCM Inc.= 12#. Loss Mud = 560 Bbls Total.

Mudco Mud Ck @ 3,212' @ 10:250 PM 7/23/2014
Vis= 60+
WT = 8.9
PV = 16
YP = 39
WL= 7.6
Chl = 1,400
Cal = Tr.
Sol = 4.3%
LCM = 24#
DMC=$6,795.40
CMC=$20,739.35

~~DST #2~~
Interval: 3176'- 3240'.
Times: 5"-60"-90"-120".



Ls Wht-Crm-Tan-Gry MicroxIn Dns Micrite Cht Wht Op Shp Vit Pyr Mass Chalky Sh Char-Gry- Aqua Soft-Fissil (Abd LCM) Fair Flor No Stn Faint Odor NS

MUNCIE CREEK 3229' (- 1302)

30" CFS @ 3240' Sh Blk Carb-Gry-Aqua-Maroon Soft-Fissil (Abd LCM) No Odor No Stn No Flor NS

60" CFS @ 3240' Sh Blk Carb-Gry-Aqua-Maroon Soft-Fissil (Abd LCM) No Odor No Stn No Flor NS

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

Ls Wht-Tan-Gry MicroxIn 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 MicroxIn 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 FxIn 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 SG & SFO

Ls Wht-Crm FxIn Med OOL/OOM Vug Por (w/Med OOids in pl) Med-Good Vug Dissolu (w/SG & SO) Fair Odor Good Pyr Mass Chalky Sh Red Soft (Wash Red) Gas & Oil Do Not Flor Faint Odor Sli Sat Stn (Lt Brn) SG & SFO

Ls Wht-Crm FxIn Med-Good OOL Vug Por (w/Med-Lg OOids in pl) Med Dissolu (w/SG & SO) Poor-Fair Odor) Sh Char-Gry Soft-Fissil Gas & Oil Do Not Flor Faint Odor Sli Stn (Lt Brn) SSG & SSO

STARK 3294' (- 1369)

Sh Blk Carb-Gry Fissil Ls Wht-Crm FxIn Fair IxIn Pin-Pt Sli Vug Por (w/SSG & SSFO) Cht Wht Op Shp Vit Pyr Mass Fair-Med Odor Gas & Oil Do Not Flor Fair Stn (Lt Brn) SSG & SFO

Ls Wht-Crm FxIn Poor-Fair IxIn Pin-Pt "Salt & Pepper" (w/Tr Smal Vug) IxIn Por (w/SSG & SSO) Grad Fair-Med OOL Porwhen Broken (w/Small-Med OOids in pl) Fair-Med Dissolu Soft Friable (w/Med SG & SO Pyr Mass Chalky Sh Gry Fissil Faint-Fair Odor (Gas & Oil Do Not Flor) Sli Scat Flor (Lt Grn) Fair InterOOLStn (Lt Brn w/Lt Brn Stn) Fair SG & SO

Ls Wht-Crm FxIn Fair IxIn Pin-Pt "Salt & Pepper" (w/Tr Small IxIn Vug) Por (w/SG & SFO) Grad Med-Good OOL Por (w/Small OOids in pl) Med Dissolu Pyr AA Chalky Sh AA Fairnt Odor Sli Scat Flor (Lt Grn) Fair Stn SG & SFO

HUSHPUCKNEY 3320' (- 1393)

30" CFS @ 3344' Ls Wht-Crm FxIn Fair IxIn Pin-Pt "Salt & Pepper" (w/Tr Small-Med Vug) Por (w/SG & SFO) Grad Med OOL Por (w/Small-Med OOids in pl) Med-Good Dissolu Pyr Mass Chalky Sh Char-Gry Soft Fissil Faint Odor Sli Scat Flor (Lt Grn) Fair InterOOL Stn (Lt Brn w/Tr Gillsonitic "Dead" Blk Stn) FSG & FSFO

BASE KANSAS CITY 3334' (- 1407)

60" CFS @ 3344' Ls Wht-Crm FxIn Fair IxIn Pin-Pt "Salt & Pepper" (w/Tr Small-Med Vug) Por (w/SG & SFO) Grad Med OOL Por (w/Small-Med OOids in pl) Med-Good Dissolu Pyr Mass Chalky Sh Char-Gry Soft Fissil Faint Odor Sli Scat Flor (Lt Grn) Fair InterOOL Stn (Lt Brn w/Tr Gillsonitic "Dead" Blk Stn) FSG & FSFO

Ls Wht-Crm MicroxIn Dns Micrite Barren Grad Poor IxIn Por ChalkySh Gry-Red (Abd) Fissil No Odor No Stn No Flor NS

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

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

Ls MicroxIn Dns Micrite (w/Pyr Inclus) Barren Poor IxIn Por Chalky Sh Varicolored Red-Maroon-Char-Gry-Aqua Soft-Fissil No Odor Scat ? Min Flor (Dull Lt Grn) No Stn NS

ARBUCKLE 3384' (- 1457)

Dolo Tan-Crm-Wht FxIn Dns Micrite Grad Poor-Fair IxIn Pin-Pt "Salt & Pepper IxIn Por" (w/Tr. Gillsonitic Stn) Grad Poor-Fair Sucrosic Por (w/SSG & SSO) Cht Wht-Yell Banded Translu-Op Shp Vit Pyr Mass Sh Red-Aqua-Char Soft-Fissil Faint Odor Sli ? Flor (Dull Lt Grn) Drk Blk Stn SSG & SSO

30" CFS @ 3400' Dolo Tan-Crm-Wht FxIn Fair-Med Pin-Pt "Salt & Pepper IxIn Por" Grad Fair-Med Sucrosic Por (w/Gillsonitic Stn & w/SG & SFO) (Drk Blk Both Gas & Oil Do Not Flor) Cht Wht Op Shp Vit Pyr Mass Fos (Globigerina) Sh Aqua-Char Soft-Fissil Fair Odor No Flor (Lt Grn) Drk Blk Stn FSG & SFO

60" CFS @ 3400' Dolo Wht-Tan FxIn Med-Good Sucrosic "Rhombic" IxIn Por (w/Gillsonitic Stn & w/GSG & GSFO AA) Friable Pyr Mass Sh Aqua-Char Soft- Fissil Med Odor No Flor Drk Blk Stn GSG & GSFO

Dolo Wht-Tan FxIn Med-Good Sucrosic "Rhombic" IxIn Por (w/Med-Lg Vugs w/Gillsonitic Stn & GSG & GSFO AA) Friable Pyr Mass Sh Blk Carb-Aqua AA Med Dec Odor No Flor Drk Blk Stn GSG & GSFO

Dolo Wht-Tan M-XIn Med-Good Sucrosic "Rhombic" IxIn Por (w/Med-Lg Vugs w/ Pyr & Glacu ? (Aqua) Inclus (Abd) w/Gillsonitic Stn & GSG & GSFO (30% of Tray) Friable Pyr Mass Sh AA Good Inc-Strong Odor No Flor Drk Blk Stn GSG & GSFO

Dolo Wht-Tan M-Lg XIn Good Sucrosic "Rhombic" IxIn Por (w/Med-Lg Vugs w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & GSG & GSFO (40% of Tray) Friable Pyr Mass Strong Inc Odor No Flor Drk Blk Stn Abd SFO in Tray GSG & GSFO

Dolo Wht-Tan M-Lg XIn Good Sucrosic "Rhombic" IxIn Por (w/Med-Lg Vugs w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & GSG & GSFO (50% of Tray) Friable Pyr Mass Hvy Strong Odor No Flor Drk Blk Stn Abd SFO in Tray GSG & GSFO

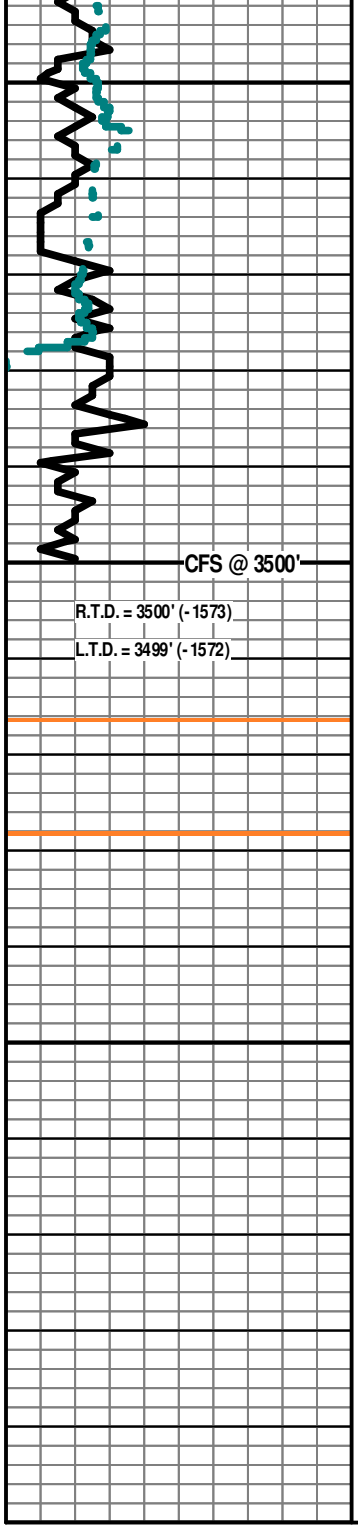
Blow: IF=Weak/2 1/2". No Blow Back During ISIP. FF= Good Blow/10.5". No Blow Back During FSIP.
Recovery: 120' TF: 10' GOCM (10% G & 20% O & 70% M); 110' WCM (80% W & 20% M).
Pressures:
IH = 1519#;
FH = 1517#;
IF = 23-28#;
FF = 34-101#;
ISIP = 728#;
FSIP = 648#;
TEMP. = 101 degrees F.;
Chl. = 9500 Ppm.;
API Rw =.521 @ 94 degrees F..

Mudco Mud Ck @ 3,240
@ 8:55 AM 7/24/2014
Vis= 58
WT = 9.1
PV = 12
YP = 29
WL= 7.6
Chl = 3,300
Cal = Tr.
Sol = 5.6%
LCM = 18#
DMC=$4,503.43
CMC=$25,242.75

~~DST #3~~

Interval: 3247'- 3344'.
Times: 5"-60"-60"-60".
Blow: IF=Weak/1/4". No Blow Back During ISIP. FF= No Blow (Flushed Took & Surge-No Help). No Blow Back During FSIP.
Recovery: 3' M (100%M).
Tool Plugged Both IF & FF.
Pressures:
IH = 1586#;
FH = 1505#;
IF = 39-30#;
FF = 172-71#;
ISIP = 708#;
FSIP = 608#;
TEMP. = 101 degrees F..

Mudco Mud Ck @ 3,344'
@ 7:50 AM 7/25/2014
Vis= 56
WT = 9.0
PV = 11
YP = 29
WL= 10.0
Chl = 4,200
Cal = 20
Sol = 4.8%
LCM = 16#
DMC=$9,975.30
CMC=$35,218.05



3450

3500

3550

CFS @ 3500'

R.T.D. = 3500' (-1573)

L.T.D. = 3499' (-1572)

Dolo Wht-Tan M-Lg XIn Good Sucrosic "Rhombic" IxIn Por (w/Med-Lg Vugs w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & GSG & GSFO (40% of Tray) Friable Pyr Mass Hvy Strong Odor No Flor Drk Blk Stn Abd SFO in Tray GSG & GSFO

Dolo Wht-Tan-Yell M-Lg XIn Good Sucrosic "Lg Rhombic" IxIn Por (w/Lg Vugs (Good Dissolu) w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & SG & SFO (10% of Tray) Friable Cht Yell-Org Translu-Op Shp Vit Pyr Mass Med Dec Odor No Flor Drk Blk Stn SSFO in Tray SG & SFO

Dolo Wht-Tan-Yell M-Lg XIn Good Sucrosic "Lg Rhombic" IxIn Por (w/Lg Vugs (Good Dissolu) w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & SG & SFO (5% of Tray) Friable Cht Yell-Org Translu-Op Shp Vit Pyr Mass Med Dec Odor No Flor Drk Blk Stn SSFO in Tray SG & SFO

Dolo Wht-Tan-Yell MxIn Good Sucrosic "Lg Rhombic" IxIn Por Dec (w/Lg Vugs (Good Dissolu) w/ Pyr & Glacu ? (Aqua) Inclus (Abd) & w/Gillsonitic Stn & SG & SFO (5% of Tray) Friable Cht Yell-Org Translu-Op Shp Vit Pyr Mass Med Dec Odor No Flor Drk Blk Stn SSFO in Tray SG & SFO

30" CFS @ 3450' Dolo Wht-Tan-Maroon FxIn Poor Sucrosic IxIn Por w/Glacu ? (Aqua) Inclus) & w Tr/Gillsonitic Stn (few Pcs (<5% of Tray) & VSSG & VSO Faint Odor No Flor Tr/Drk Blk Stn ? NS

60" CFS @ 3450' Dolo Wht-Tan-Maroon FxIn Poor Sucrosic IxIn Por w/Glacu ? (Aqua) Inclus) & w Tr/Gillsonitic Stn (few Pcs (<5% of Tray) & VSSG & VSO Faint Odor No Flor Tr/Drk Blk Stn ? NS

Electric Logs Run By Pioneer Logging: Dual Induction; Dual Compensated Porosity & Microresisitivity Logs.

Geologist Left Location at: 7:30 PM on 07/26/2014

Mudco Mud Ck @ 3,500'
@ 9:00 AM 7/26/2014
Vis= 52
WT = 9.0
PV = 14
YP = 21
WL= 11.6
Chl = 5,300
Cal = Tr.
Sol = 4.7%
LCM = 14#
DMC=$1,928.05
CMC=$37,146.10

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.22 @ 14:15:00

End Date: 2014.07.22 @ 20:33:20

Job Ticket #: 58917 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2014.09.10 @ 08:10:46

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58917 **DST#: 1**

Test Start: 2014.07.22 @ 14:15:00

GENERAL INFORMATION:

Formation: **Plattsmouth/Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:35:20
Time Test Ended: 20:33:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Tate Lang
Unit No: 77

Interval: 3043.00 ft (KB) To 3110.00 ft (KB) (TVD)
Total Depth: 3110.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

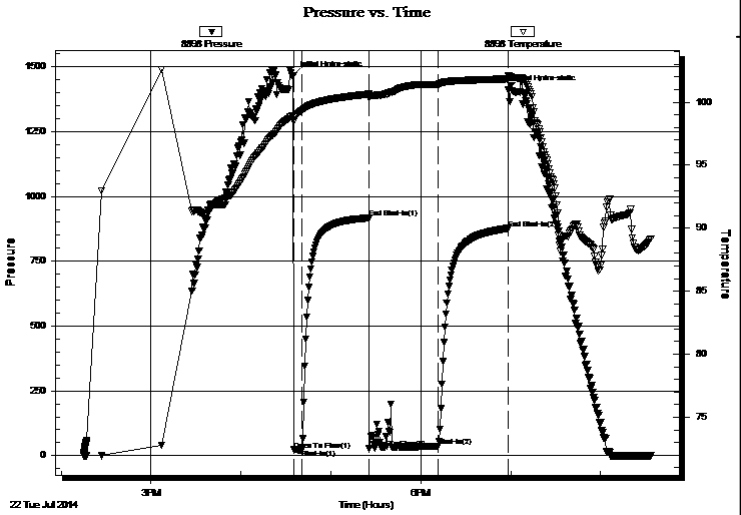
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8898 **Outside**

Press@RunDepth: 37.71 psig @ 3045.00 ft (KB)
Start Date: 2014.07.22 End Date: 2014.07.22
Start Time: 14:15:01 End Time: 20:33:20

Capacity: 8000.00 psig
Last Calib.: 2014.07.22
Time On Btm: 2014.07.22 @ 16:34:50
Time Off Btm: 2014.07.22 @ 18:58:30

TEST COMMENT: Weak surface blow built to 1/2 in
Dead no blow back
Dead no blow
Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1467.08	98.95	Initial Hydro-static
1	22.45	98.48	Open To Flow (1)
6	23.26	99.34	Shut-In(1)
51	916.48	100.64	End Shut-In(1)
51	27.44	100.33	Open To Flow (2)
97	37.71	101.43	Shut-In(2)
144	876.80	101.85	End Shut-In(2)
144	1409.79	102.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58917 **DST#: 1**

Test Start: 2014.07.22 @ 14:15:00

GENERAL INFORMATION:

Formation: **Plattsmouth/Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:35:20
Time Test Ended: 20:33:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Tate Lang
Unit No: 77

Interval: 3043.00 ft (KB) To 3110.00 ft (KB) (TVD)
Total Depth: 3110.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

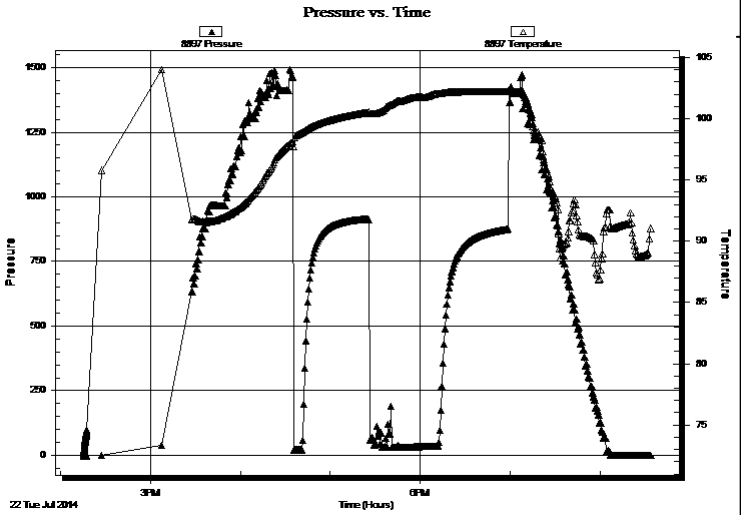
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8897 **Inside**

Press@RunDepth: psig @ 3045.00 ft (KB)
Start Date: 2014.07.22 End Date: 2014.07.22
Start Time: 14:15:28 End Time: 20:33:47

Capacity: 8000.00 psig
Last Calib.: 2014.07.22
Time On Btm:
Time Off Btm:

TEST COMMENT: Weak surface blow built to 1/2 in
Dead no blow back
Dead no blow
Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58917 **DST#: 1**

Test Start: 2014.07.22 @ 14:15:00

Tool Information

Drill Pipe:	Length:	2961.00 ft	Diameter:	3.80 inches	Volume:	41.54 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	87.00 ft	Diameter:	2.25 inches	Volume:	0.43 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	41.97 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		3043.00 ft						Final	54000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		67.00 ft							
Tool Length:		94.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3021.00		
Hydraulic tool	5.00			3026.00		
Jars	5.00			3031.00		
Safety Joint	2.00			3033.00		
Packer	5.00			3038.00	27.00	Bottom Of Top Packer
Packer	5.00			3043.00		
Stubb	1.00			3044.00		
Perforations	1.00			3045.00		
Recorder	0.00	8897	Inside	3045.00		
Recorder	0.00	8898	Outside	3045.00		
Perforations	29.00			3074.00		
Change Over Sub	1.00			3075.00		
Drill Pipe	31.00			3106.00		
Change Over Sub	1.00			3107.00		
Bullnose	3.00			3110.00	67.00	Bottom Packers & Anchor
Total Tool Length:	**94.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58917 **DST#: 1**

Test Start: 2014.07.22 @ 14:15:00

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7100.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

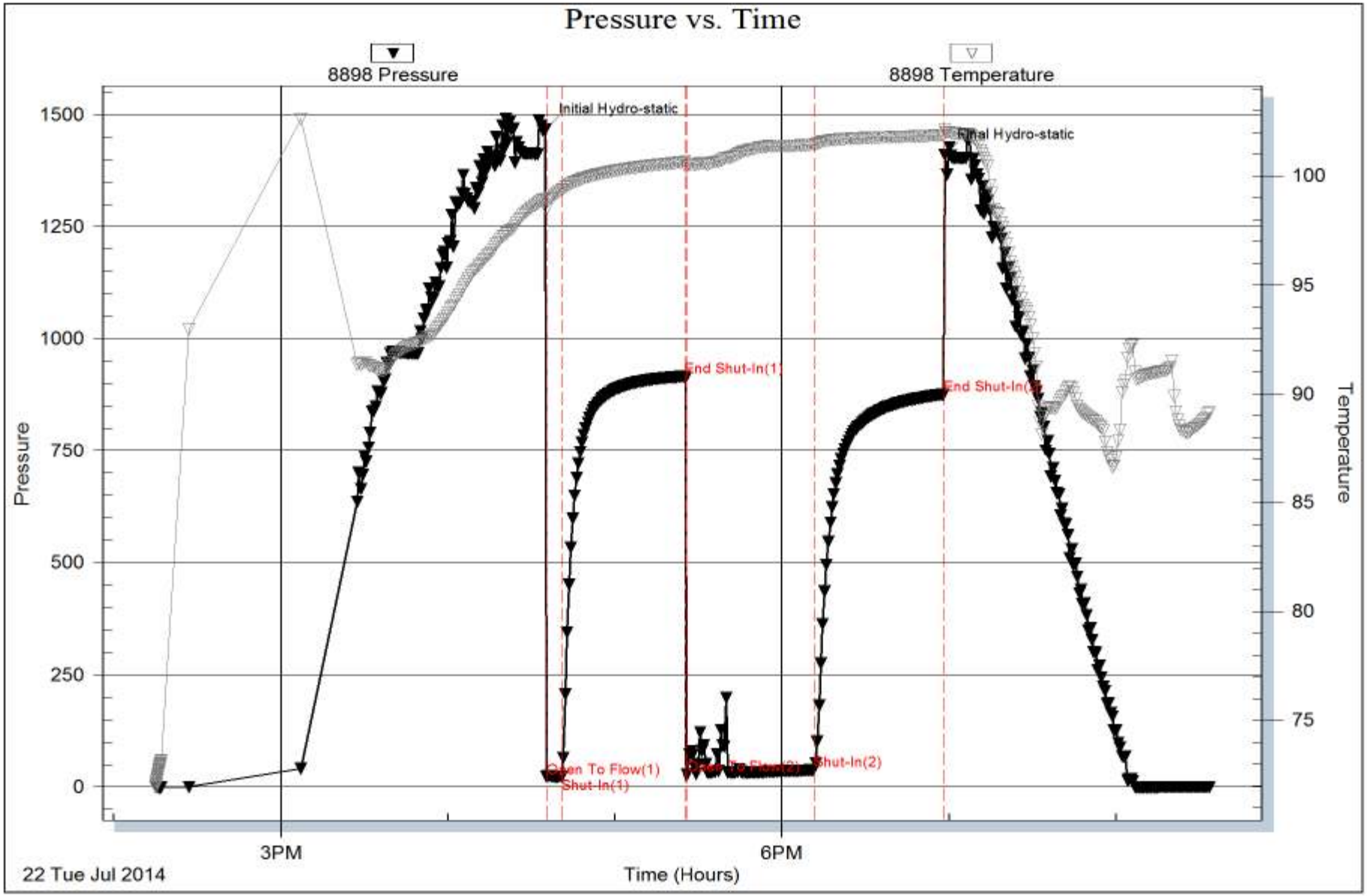
Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

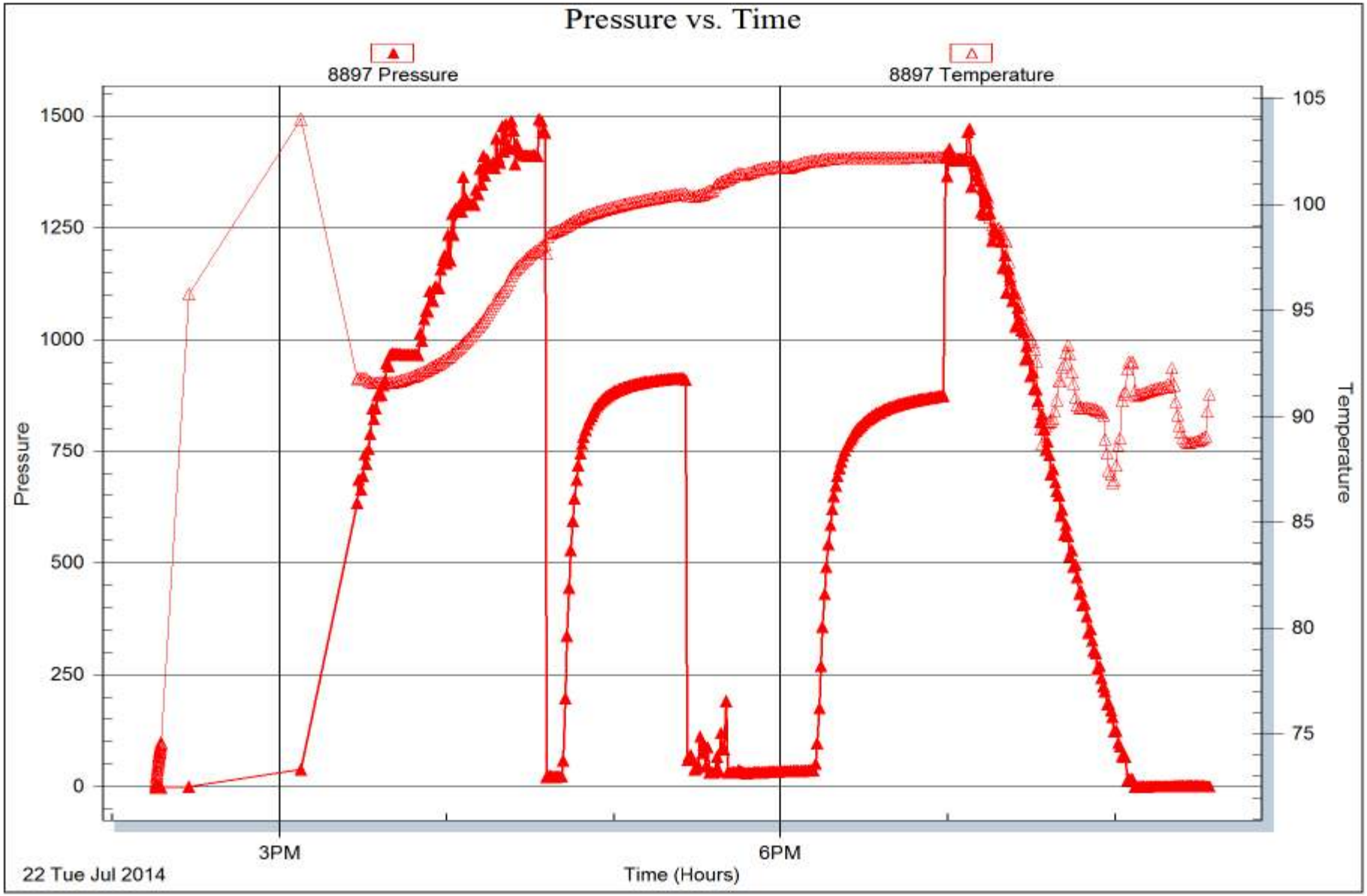
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8898 **Outside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 58917 Printed: 2014.09.10 @ 08:10:47

Serial #: 8897 **Inside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 58917 Printed: 2014.09.10 @ 08:10:48

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.24 @ 08:21:20
End Date: 2014.07.24 @ 17:14:39
Job Ticket #: 58918 DST #: 2

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

Printed: 2014.09.10 @ 08:10:24

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58918 **DST#: 2**

Test Start: 2014.07.24 @ 08:21:20

GENERAL INFORMATION:

Formation: **LKC E-G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:27:50
Time Test Ended: 17:14:39

Test Type: Conventional Bottom Hole (Reset)
Tester: Tate Lang
Unit No: 77

Interval: 3176.00 ft (KB) To 3240.00 ft (KB) (TVD)
Total Depth: 3240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

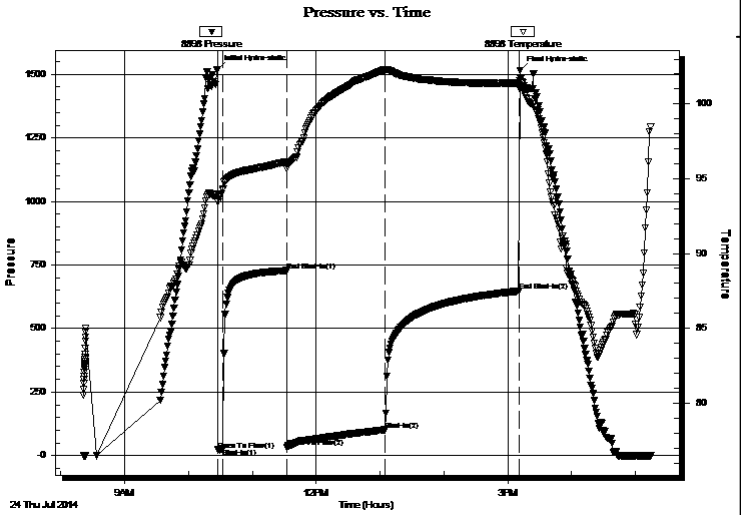
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8898 **Outside**

Press@RunDepth: 101.34 psig @ 3178.00 ft (KB)
Start Date: 2014.07.24 End Date: 2014.07.24
Start Time: 08:21:21 End Time: 17:14:39

Capacity: 8000.00 psig
Last Calib.: 2014.07.24
Time On Btm: 2014.07.24 @ 10:27:20
Time Off Btm: 2014.07.24 @ 15:11:40

TEST COMMENT: Weak surface blow built to 2"
Dead no blow
Strong blow built to 10 1/2"
Dead no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.93	93.96	Initial Hydro-static
1	22.82	93.44	Open To Flow (1)
6	28.44	94.33	Shut-In(1)
65	727.99	96.13	End Shut-In(1)
65	34.11	95.64	Open To Flow (2)
158	101.34	102.27	Shut-In(2)
284	647.63	101.39	End Shut-In(2)
285	1515.81	101.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCW 80%W 20%M	0.75
10.00	GOCM 10%G 20%O 70%M	0.14

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58918 **DST#: 2**

Test Start: 2014.07.24 @ 08:21:20

GENERAL INFORMATION:

Formation: **LKC E-G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:27:50
Time Test Ended: 17:14:39

Test Type: Conventional Bottom Hole (Reset)
Tester: Tate Lang
Unit No: 77

Interval: 3176.00 ft (KB) To 3240.00 ft (KB) (TVD)
Total Depth: 3240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

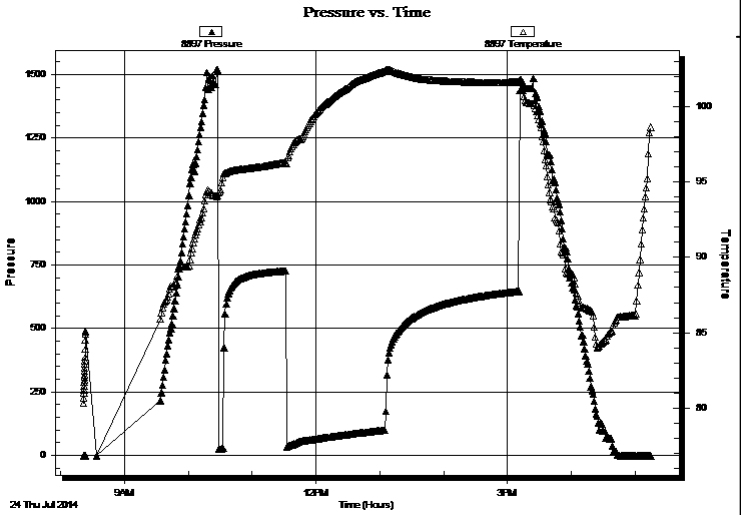
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8897 **Inside**

Press@RunDepth: psig @ 3178.00 ft (KB)
Start Date: 2014.07.24 End Date: 2014.07.24
Start Time: 08:21:37 End Time: 17:14:55

Capacity: 8000.00 psig
Last Calib.: 2014.07.24
Time On Btm:
Time Off Btm:

TEST COMMENT: Weak surface blow built to 2"
Dead no blow
Strong blow built to 10 1/2"
Dead no blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
110.00	MCW 80%W 20%M	0.75
10.00	GOCM 10%G 20%O 70%M	0.14

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58918 **DST#: 2**

Test Start: 2014.07.24 @ 08:21:20

Tool Information

Drill Pipe:	Length:	3087.00 ft	Diameter:	3.80 inches	Volume:	43.30 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	87.00 ft	Diameter:	2.25 inches	Volume:	0.43 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	43.73 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		3176.00 ft						Final	55000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		64.00 ft							
Tool Length:		91.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3154.00		
Hydraulic tool	5.00			3159.00		
Jars	5.00			3164.00		
Safety Joint	2.00			3166.00		
Packer	5.00			3171.00	27.00	Bottom Of Top Packer
Packer	5.00			3176.00		
Stubb	1.00			3177.00		
Perforations	1.00			3178.00		
Recorder	0.00	8897	Inside	3178.00		
Recorder	0.00	8898	Outside	3178.00		
Perforations	26.00			3204.00		
Change Over Sub	1.00			3205.00		
Drill Pipe	31.00			3236.00		
Change Over Sub	1.00			3237.00		
Bullnose	3.00			3240.00	64.00	Bottom Packers & Anchor
Total Tool Length:	**91.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58918 **DST#: 2**

Test Start: 2014.07.24 @ 08:21:20

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:	9500 ppm
Viscosity:	sec/qt	Cushion Volume:	bbl		
Water Loss:	7.58 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	MCW 80%W 20%M	0.750
10.00	GOCM 10%G 20%O 70%M	0.140

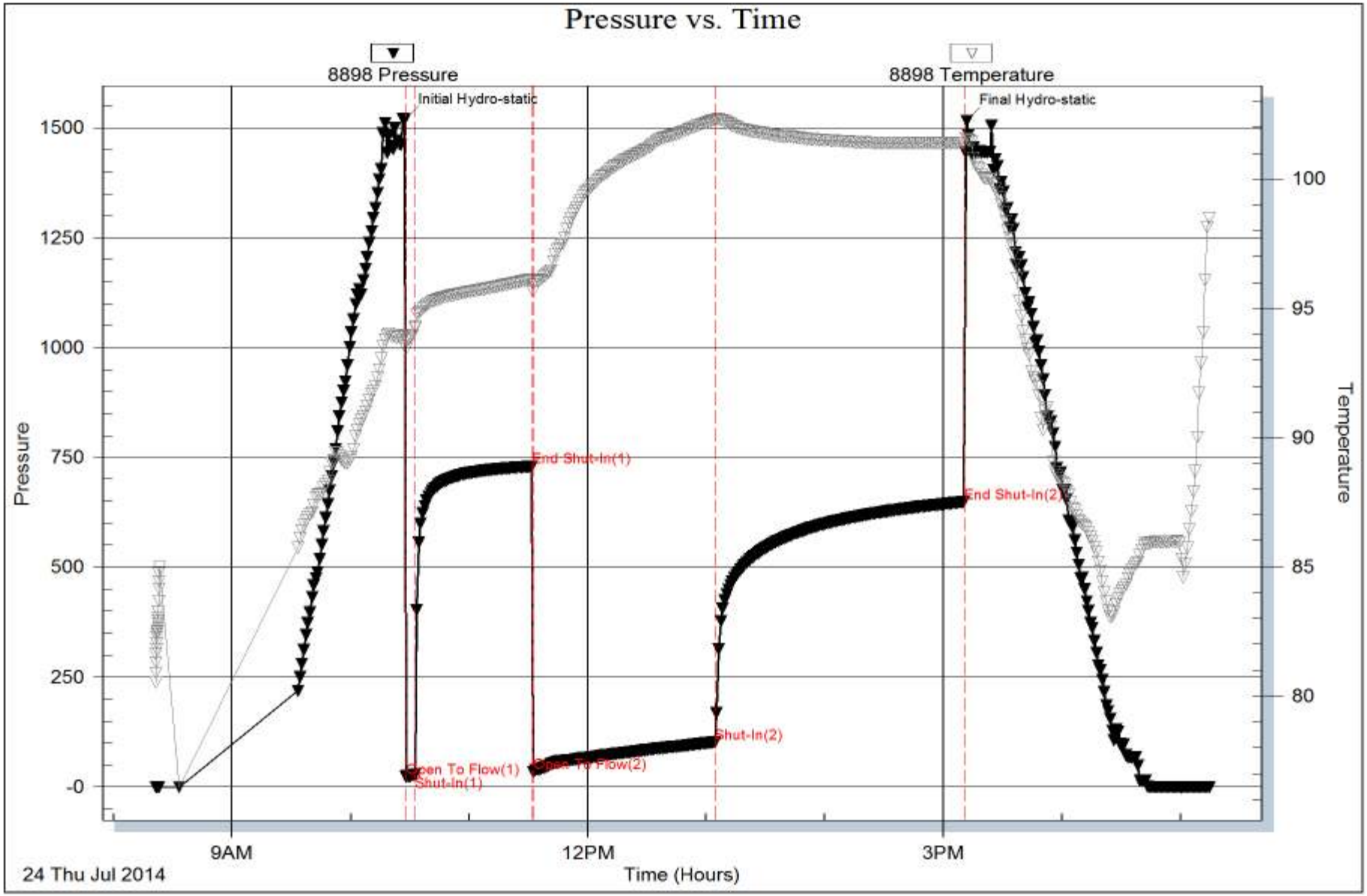
Total Length: 120.00 ft Total Volume: 0.890 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

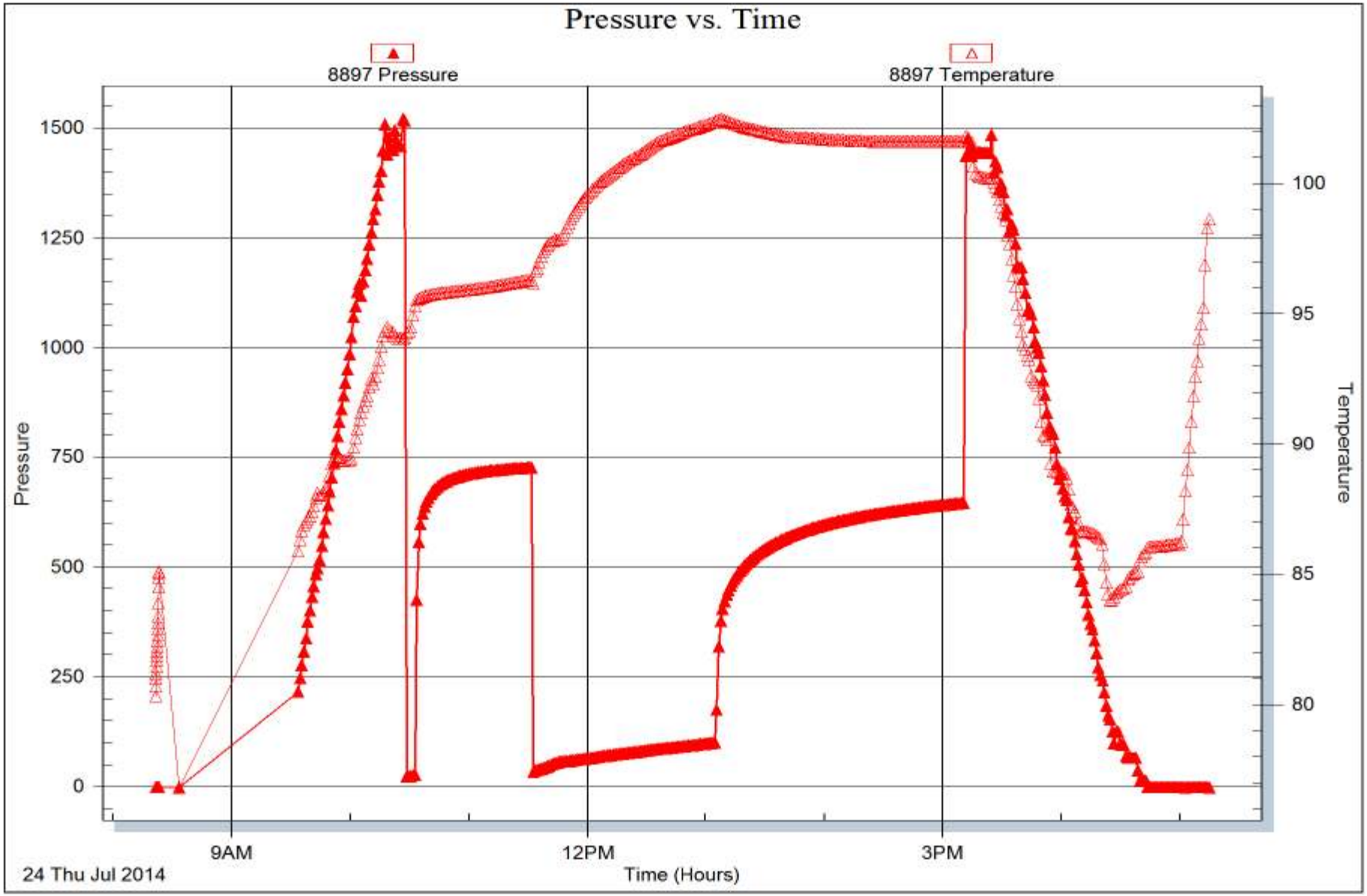
Recovery Comments: Had 24# LCM and spotted a pill
>526 @ 94 F= 9,500

Serial #: 8898 **Outside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 58918 Printed: 2014.09.10 @ 08:10:25

Serial #: 8897 **Inside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 58918 Printed: 2014.09.10 @ 08:10:25

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

Shirley Ann A #1-14

14-7s-19w Rooks,KS

Start Date: 2014.07.25 @ 12:05:20
End Date: 2014.07.25 @ 19:16:59
Job Ticket #: 58919 DST #: 3

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

Printed: 2014.09.10 @ 08:09:46

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58919 **DST#: 3**

Test Start: 2014.07.25 @ 12:05:20

GENERAL INFORMATION:

Formation: **LKC I-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:13:50
Time Test Ended: 19:16:59

Test Type: Conventional Bottom Hole (Reset)
Tester: Tate Lang
Unit No: 77

Interval: 3247.00 ft (KB) To 3344.00 ft (KB) (TVD)
Total Depth: 3344.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

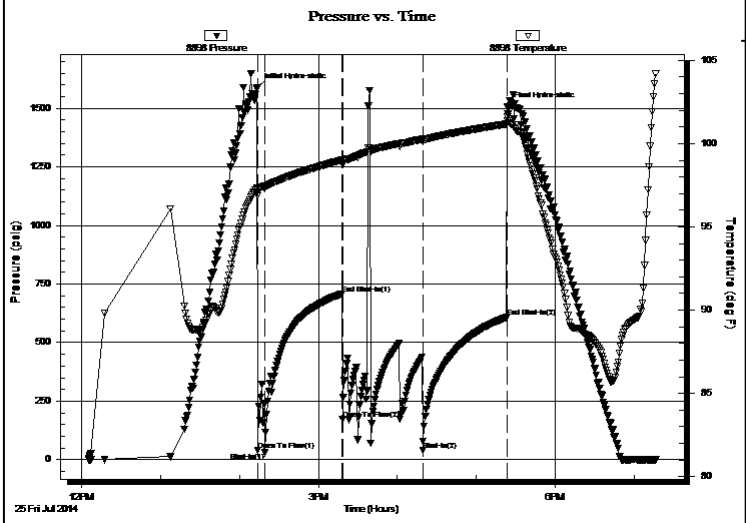
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8898 **Outside**

Press@RunDepth: 41.47 psig @ 3248.00 ft (KB)
Start Date: 2014.07.25 End Date: 2014.07.25
Start Time: 12:05:21 End Time: 19:17:00

Capacity: 8000.00 psig
Last Calib.: 2014.07.25
Time On Btm: 2014.07.25 @ 14:13:30
Time Off Btm: 2014.07.25 @ 17:23:40

TEST COMMENT: Weak surface blow built to 1/4"
Dead no blow back
Dead no blow flushed tool surged then died
Dead no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.32	97.35	Initial Hydro-static
1	39.21	96.85	Open To Flow (1)
6	29.72	97.29	Shut-In(1)
65	708.34	99.02	End Shut-In(1)
65	172.02	98.73	Open To Flow (2)
126	41.47	100.12	Shut-In(2)
190	607.66	101.18	End Shut-In(2)
191	1505.22	101.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	100%M	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58919 **DST#: 3**

Test Start: 2014.07.25 @ 12:05:20

GENERAL INFORMATION:

Formation: **LKC I-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:13:50
Time Test Ended: 19:16:59

Test Type: Conventional Bottom Hole (Reset)
Tester: Tate Lang
Unit No: 77

Interval: 3247.00 ft (KB) To 3344.00 ft (KB) (TVD)
Total Depth: 3344.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

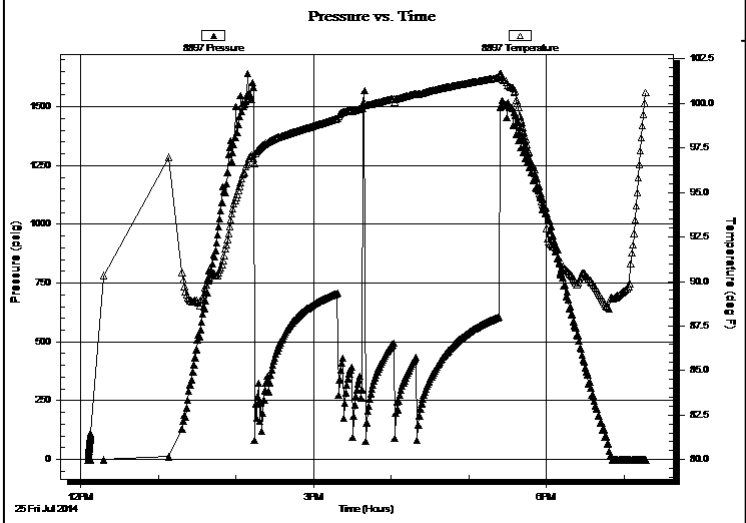
Reference Elevations: ft (KB)
1922.00 ft (CF)
KB to GR/CF: ft

Serial #: 8897 **Inside**

Press@RunDepth: psig @ 3248.00 ft (KB)
Start Date: 2014.07.25 End Date: 2014.07.25
Start Time: 12:05:58 End Time: 19:17:27

Capacity: 8000.00 psig
Last Calib.: 2014.07.25
Time On Btm:
Time Off Btm:

TEST COMMENT: Weak surface blow built to 1/4"
Dead no blow back
Dead no blow flushed tool surged then died
Dead no blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	100%M	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58919 **DST#: 3**

Test Start: 2014.07.25 @ 12:05:20

Tool Information

Drill Pipe:	Length:	3149.00 ft	Diameter:	3.80 inches	Volume:	44.17 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	87.00 ft	Diameter:	2.25 inches	Volume:	0.43 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	44.60 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		16.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		3247.00 ft						Final	54000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		97.00 ft							
Tool Length:		124.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3225.00		
Hydraulic tool	5.00			3230.00		
Jars	5.00			3235.00		
Safety Joint	2.00			3237.00		
Packer	5.00			3242.00	27.00	Bottom Of Top Packer
Packer	5.00			3247.00		
Stubb	1.00			3248.00		
Recorder	0.00	8897	Inside	3248.00		
Recorder	0.00	8898	Outside	3248.00		
Perforations	29.00			3277.00		
Change Over Sub	1.00			3278.00		
Drill Pipe	62.00			3340.00		
Change Over Sub	1.00			3341.00		
Bullnose	3.00			3344.00	97.00	Bottom Packers & Anchor
Total Tool Length:	**124.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

9342 E Central
Wichita KS 67206

ATTN: Dave Williams

14-7s-19w Rooks,KS

Shirley Ann A #1-14

Job Ticket: 58919 **DST#: 3**

Test Start: 2014.07.25 @ 12:05:20

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:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

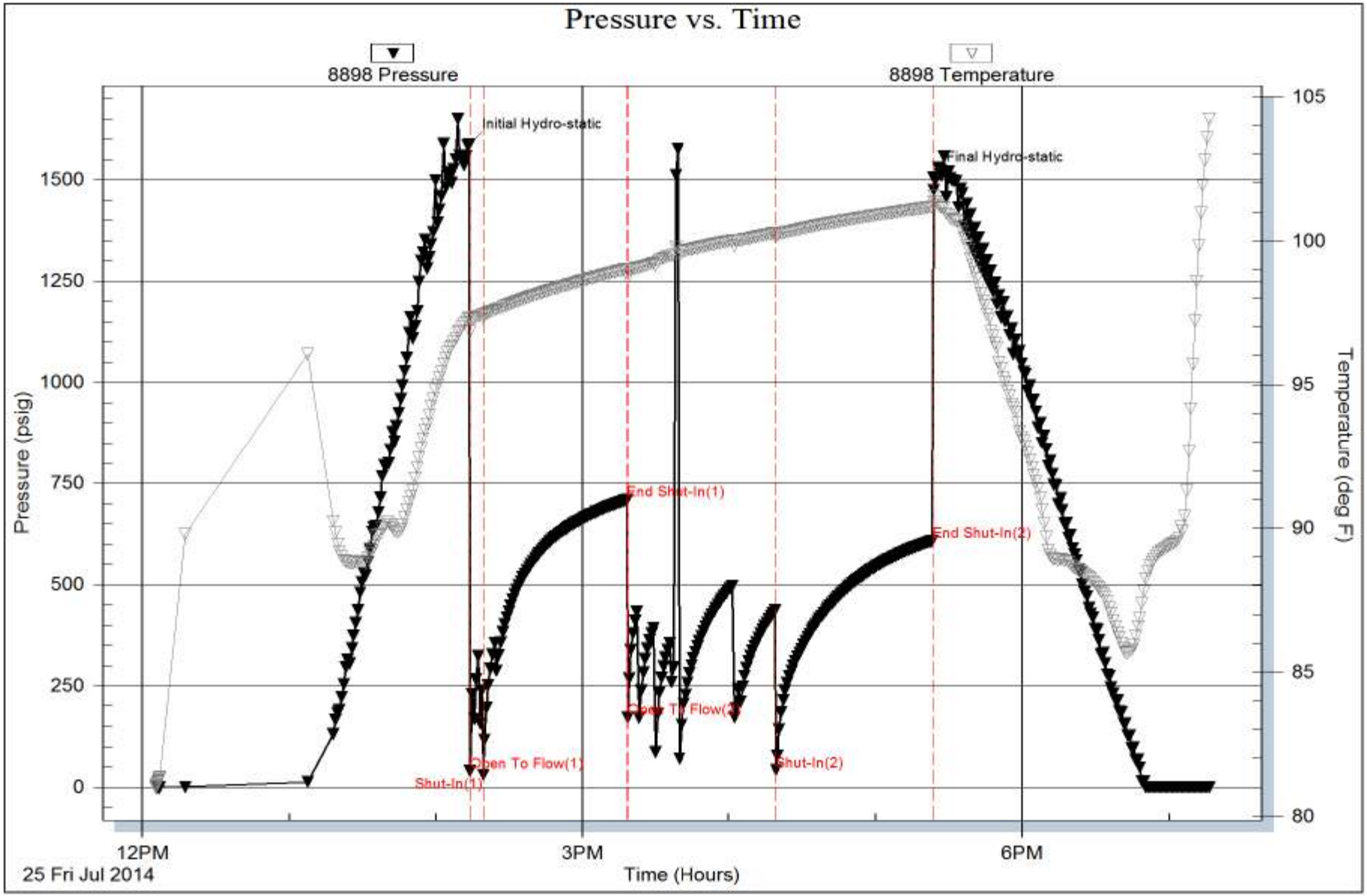
Recovery Table

Length ft	Description	Volume bbl
3.00	100%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

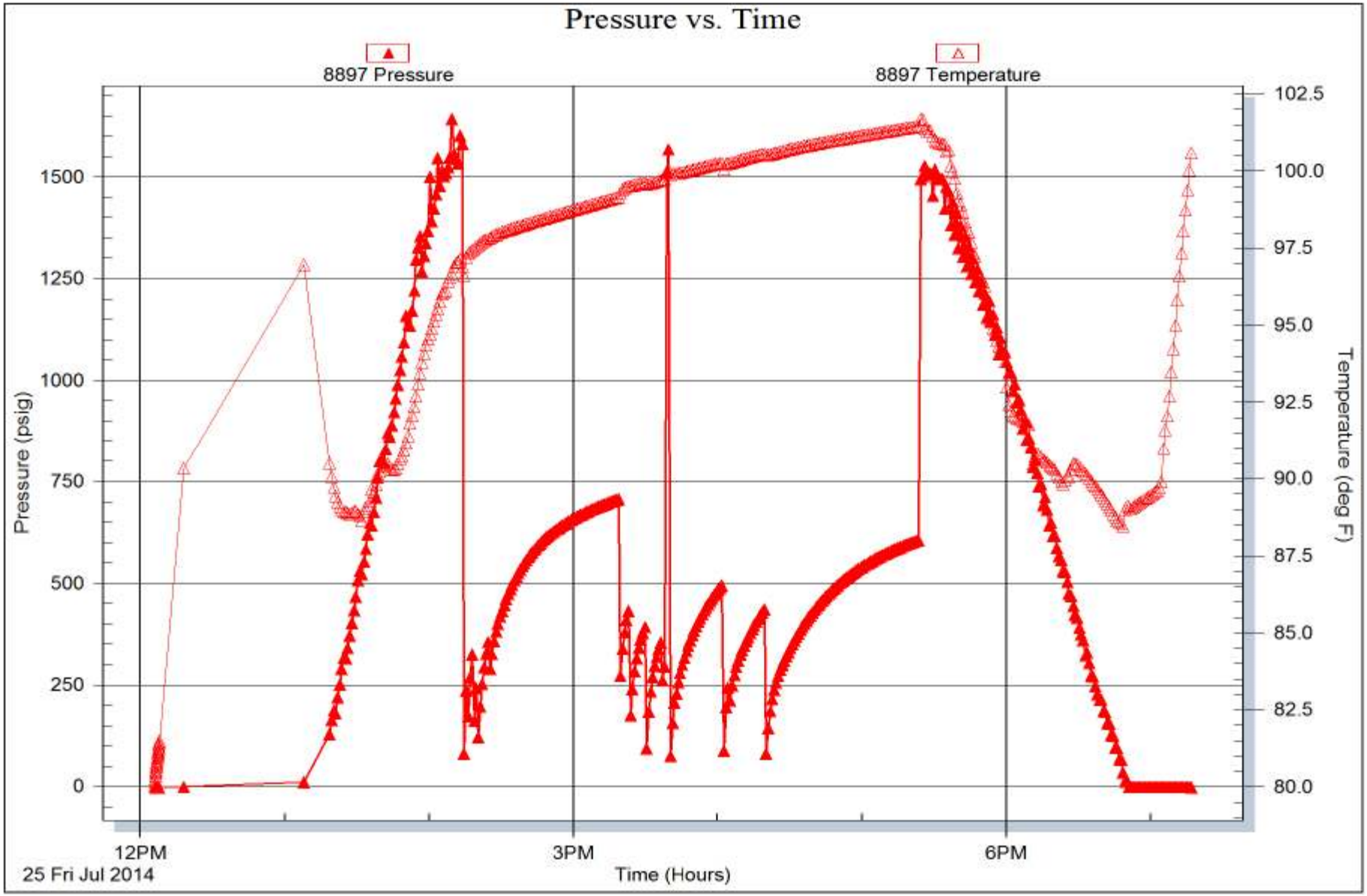
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8898 **Outside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 58919 Printed: 2014.09.10 @ 08:09:47

Serial #: 8897 **Inside** McCoy Petroleum Corp. Shirley Ann A #1-14 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 58919 Printed: 2014.09.10 @ 08:09:47

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 58917

Well Name & No. Shirley Ann "A" #1-14 Test No. 1 Date 7-22-14

Company McCoy Petroleum Corp. Elevation 2327 KB 1922 GL

Address 9342 E Central Wichita KS 67206

Co. Rep / Geo. Dave Williams Rig Murfin #24

Location: Sec. 14 Twp. 7 Rge. 19 Co. Rooks State KS

Interval Tested 3043 - 3110 Zone Tested Plattsmouth / Toronto

Anchor Length 67 Drill Pipe Run 2961 Mud Wt. 8.8

Top Packer Depth 3038 Drill Collars Run 87 Vis 45

Bottom Packer Depth 3043 Wt. Pipe Run 0 WL 8.0

Total Depth 3110 Chlorides 7100 ppm System LCM 2#

Blow Description Weak surface blow built to 1/2 in
Dead NO blow back
Dead NO blow
Dead NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec 5	Feet of Mud	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 101 Gravity ____ API RW ____ @ ____ °F Chlorides ____ ppm

(A) Initial Hydrostatic 1467	☒ Test 1150	T-On Location 1030
(B) First Initial Flow 22	☒ Jars 250	T-Started 1415
(C) First Final Flow 23	☒ Safety Joint 75	T-Open 1635
(D) Initial Shut-In 916	☐ Circ Sub	T-Pulled 1855
(E) Second Initial Flow 27	☒ Hourly Standby 1/2	T-Out 2033
(F) Second Final Flow 38	☒ Mileage 100 R/T 155	Comments
(G) Final Shut-In 877	☐ Sampler	
(H) Final Hydrostatic 1410	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 5	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 45	☐ Extra Recorder	Sub Total 0
Final Flow 45	☐ Day Standby	Total 1630
Final Shut-In 45	☐ Accessibility	MP/DST Disc't
	Sub Total 1630	

Approved By ____ Our Representative ____

4/10

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

Test Ticket

NO. 58918

Well Name & No. Shirley Ann "A" #1-14 Test No. 2 Date 7-24-14
Company McCoy Petroleum Corp. Elevation 1927 KB 1922 GL
Address
Co. Rep / Geo. Dave Williams Rig Murfin #24
Location: Sec. 14 Twp. 7 Rge. 19 Co. Rooks State KS

Interval Tested 3176 3240 Zone Tested Lan E-F-G
Anchor Length 64 Drill Pipe Run 3087 Mud Wt. 8.9
Top Packer Depth 3171 Drill Collars Run 87 Vis 60+
Bottom Packer Depth 3176 Wt. Pipe Run 0 WL 7.6
Total Depth 3240 Chlorides 1400 ppm System LCM 2# Sawdust

Blow Description Weak surface blow built to 2 in.
Dead no blow back
Strong blow built to 10½ in
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec 10	Feet of MCW	%gas	%oil 80	%water 20	%mud	
Rec 10	Feet of GOCM	10 %gas	20 %oil	%water 70	%mud	
Rec Total 120	BHT 101	Gravity	API RW .526@ 94 °F	Chlorides 9500	ppm	

(A) Initial Hydrostatic	1519	☒ Test	1150	T-On Location	0745
(B) First Initial Flow	23	☒ Jars	250	T-Started	0821
(C) First Final Flow	28	☒ Safety Joint	75	T-Open	1028
(D) Initial Shut-In	728	☐ Circ Sub		T-Pulled	1503
(E) Second Initial Flow	34	☐ Hourly Standby		T-Out	1714
(F) Second Final Flow	101	☒ Mileage	155	Comments	
(G) Final Shut-In	648	☐ Sampler			
(H) Final Hydrostatic	1517	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	5	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	375
Final Flow	90	☒ Day Standby	11 ¼ hrs	Total	2005
Final Shut-In	120	☐ Accessibility		MP/DST Disc't	
		Sub Total	1630		

Approved By Our Representative

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 58919

Well Name & No. Shickley Ann "A" #1-14 Test No. 3 Date 7-25-14

Company McCoy Petroleum Corp Elevation 1927 KB 1922 GL

Address

Co. Rep / Geo. Dave Williams Rig Murfin #24

Location: Sec. 14 Twp. 17 Rge. 19 Co Rooks State KS

Interval Tested 3247 3344 Zone Tested KC I-L

Anchor Length 97 Drill Pipe Run 3149 Mud Wt. 9.0

Top Packer Depth 3242 Drill Collars Run 87 Vis 56

Bottom Packer Depth 3247 Wt. Pipe Run 0 WL 10.0

Total Depth 3344 Chlorides 4200 ppm System LCM 16#

Blow Description Weak surface blow built to 1/4in
Dead no blow back
Dead no blow Flushed tool surged then died
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec 3	Feet of Mud	%gas	%oil	%water 100	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 3 BHT 101 Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1586	☒ Test 950	T-On Location 1120	
(B) First Initial Flow 39	☒ Jars 250	T-Started 1205	
(C) First Final Flow 30	☒ Safety Joint 75	T-Open 1413	
(D) Initial Shut-In 708	☐ Circ Sub	T-Pulled 1718	
(E) Second Initial Flow 172	☐ Hourly Standby	T-Out 1916	
(F) Second Final Flow 71	☒ Mileage X2 Loaded 310	Comments loaded tools 19:15	
(G) Final Shut-In 609	☐ Sampler 7/24		
(H) Final Hydrostatic 1565	☐ 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 60	☐ Day Standby	Total 1585	
Final Shut-In 60	☐ Accessibility	MP/DST Disc't	
	Sub Total 1585		

Approved By Our Representative

ALLIED OIL & GAS SERVICES, LLC 055452

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell Ks

DATE 7.19.14	SEC 14	TWP 7	RANGE 19	CALLED OUT	ON LOCATION	JOB START 930	JOB FINISH 1030pm
LEASE Shirley Ann	WELL # 1-14		LOCATION Stockton Ks			COUNTY Rooks	STATE Ks
OLD OR NEW (Circle one)			7 West to 12th ln ½ W n into.				

CONTRACTOR Murfin #24
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D.
CASING SIZE 8 5/8 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 13.05'

OWNER

CEMENT
AMOUNT ORDERED 165sk + 2% gel + 3% cc

COMMON	165sk	@ 17.9	$2,953.50
POZMIX		@	
GEL	3 1/2 lb	@ 1.05	$329.40
CHLORIDE	488 lb	@ 1.10	$514.80
ASC		@	
		@	
Material		@	3795.90
		@	
Disc		@	1062.85
		@	
		@	
		@	
		@	
HANDLING	165sk	7¢ @	2.48 $408.20
MILEAGE	273	1m	2.75 $750.75
		TOTAL	~~$4,955.85~~

EQUIPMENT

PUMP TRUCK CEMENTER Tony Plannenstiel
417 HELPER Danny S.
BULK TRUCK
410 DRIVER Tracy S.
BULK TRUCK
DRIVER

REMARKS:

See Cementing Job Log.

SERVICE

DEPTH OF JOB			220'
PUMP TRUCK CHARGE			$1,512.25
EXTRA FOOTAGE		@	
MILEAGE	Heavy 35m	@ 7.7	$269.50
MANIFOLD	Swivel 55m	@ 4.4	$154.00
		@	
		@	
			2095.70
Disc 866.79		TOTAL	~~$1,935.75~~

CHARGE TO: McCoy Petroleum
STREET
CITY STATE ZIP

Thanks!

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

-0-

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)
TOTAL CHARGES $ 6,591.60
DISCOUNT $ 1,925.65 (28%) IF PAID IN 30 DAYS
Net 4961.95

PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin

ALLIED OIL & GAS SERVICES LLC 063550

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

DATE 7-27-14	SEC. 14	TWP. 17	RANGE 19	CALLED OUT	ON LOCATION 3:00AM	JOB START 8:30 Am	JOB FINISH 9:AM
LEASE Shirley Ann A	WELL # 1-14		LOCATION Stockton W to 12 Rd, 1N,			COUNTY Rooks	STATE KS
OLD OR NEW (Circle one)			Yew, N into				

CONTRACTOR Murfin 24
TYPE OF JOB Production
HOLE SIZE T.D.
CASING SIZE 5½ DEPTH 3497.68
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 42.90
PERFS.
DISPLACEMENT 84.29 bbl freshwater

OWNER

EQUIPMENT

PUMP TRUCK # 597 CEMENTER Josh Isaac/Kevin Eddy
HELPER Brian Lung
BULK TRUCK # 599 DRIVER Dan Casper
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 100 ASC 2%gel 10% salt 6%gyp, 5# Kolseal DF 500 5x 60/40 ¼ Flo

COMMON	30	@ 17.90	537.00
POZMIX	20	@ 9.35	187.00
GEL	172	@ .50	86.00
CHLORIDE		@	
ASC	100 SK	@ 2350	2.350.00
		@	
Kolseal	500	@ .98	490.00
DF	13	@ 9.80	127.40
DV-1100	750	@ 1.27	952.50
Materials Total		@	4.729.90
Disc		@ 28%	1.324.37
Service		@	
HANDLING	181.75	@ 2.48	450.74
MILEAGE	7.84 x 35 x 2.75		754.60

REMARKS:

On location - Rig up - had safety meeting
Run 5½ casing - Break circulation w/ equipment
pump 18 bbl DV 1100
Plug RH - MH
Mix 100 sx ASC 2%gel 10% salt 6%gyp 5# Kolseal DF
Drop plug
Displace 84.29 bbl fresh water
Land plug 1200 psi - plug down 9 Am
Rig down

DEPTH OF JOB	3497		
PUMP TRUCK CHARGE			2558.75
EXTRA FOOTAGE		@	
MILEAGE	Hvm 35	@ 7.70	269.50
MANIFOLD		@ 275.00	275.00
	Lvm 35	@ 4.40	154.00
		@	
TOTAL			4.462.59
Disc. 28%			1.249.53

PLUG & FLOAT EQUIPMENT

5 turbolizers	95.00	475.00
1-Basket	@ 395.00	395.00
Port collar	@ 3.590.00	3.590.00
AFU Guide Shoe	@ 545.00	545.00
Latchdown plug	@ 660.00	660.00
1 centralizer	@ 57.00	57.00
TOTAL		5.722.00
Disc 25%		1.430.50

CHARGE TO: McCoy Petroleum Corp.
STREET
CITY STATE ZIP

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 Dave Allen

SALES TAX (If Any)
TOTAL CHARGES 14.914.49
DISCOUNT 4.004.40 (28/28/25) IF PAID IN 30 DAYS

10,910.09

ALLIED OIL & GAS SERVICES, LLC 055475

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell Ks

DATE 8.19.14	SEC 14	TWP 7	RANGE 19	CALLED OUT	ON LOCATION	JOB START 1030	JOB FINISH 1130
LEASE Shirley Ann	WELL# 1-14		LOCATION Stockton Ks			COUNTY Rooks	STATE Ks
OLD OR NEW (Circle one)			West to 12rd In 1/2 W N into				

CONTRACTOR Heiker Well Service
TYPE OF JOB Balanced Plug
HOLE SIZE T.D.
CASING SIZE 5 1/2 DEPTH
TUBING SIZE 2 3/8 DEPTH 3325'
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER

CEMENT
AMOUNT ORDERED 50sk 6%40 + 47.20

EQUIPMENT

PUMP TRUCK CEMENTER Tony P. Cemented
409 HELPER Jason D
BULK TRUCK
378 DRIVER Jon P
BULK TRUCK
DRIVER

COMMON	30sk	@	17.9	$ 537.00
POZMIX	20sk	@	9.35	$ 187.00
GEL	2 sk 200	@	.50	$ 100.00
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
Hulls	1 #100	@		
25sk		@	49.5	$ 99.00
Materials		@		923.00
		@		
		@		
HANDLING	55.42 sks	@	2.48	$ 137.43
MILEAGE	57.5 7pm		2.75	$ 158.12
Disc 230.95			TOTAL	$

REMARKS:

D/C 50sk 6%40 + 47.20 + #100 Hulls

See Cementing Data Sheet

SERVICE

DEPTH OF JOB			3326'
PUMP TRUCK CHARGE			$ 2483.59
EXTRA FOOTAGE		@	
MILEAGE	Check $ 50	@ 7.7	$ 385.00
MANIFOLD	h'sbl 25	@ 4.4	$ 110.00
		@	
		@	
Disc 818.53		TOTAL	$ 3274.14

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.

SALES TAX (If Any)
TOTAL CHARGES $ 4,197.14
DISCOUNT $ 1049.28 (25%) IF PAID IN 30 DAYS
Net $ 3147.86

PRINTED NAME Alvin Mikkelsen
SIGNATURE

ALLIED OIL & GAS SERVICES, LLC 055400

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell KS

DATE 8-20-14	SEC. 14	TWP. 7	RANGE 19	CALLED OUT	ON LOCATION	JOB START 12:30PM	JOB FINISH 1:00PM
LEASE Shirley Ann	WELL # A1-14		LOCATION Stockton KS 8W 1N 1/2 W into			COUNTY Rooks	STATE KS
OLD OR (NEW) (Circle one)							

CONTRACTOR Clarke Well Service
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D.
CASING SIZE 5 1/2 15.5 DEPTH 1450
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Robert K
409 HELPER Nathan D
BULK TRUCK
410 DRIVER Kevin R
BULK TRUCK
DRIVER

REMARKS:

15 gel 50 sks 100# hulls @ 1450
100 sks 200# hulls @ 850
50 sks @ 250

Thank you!!!

CHARGE TO: McCoy
STREET
CITY STATE ZIP

CEMENT
AMOUNT ORDERED 200 60/40 4% gel 1 15 gel 300# hulls

COMMON		@	
POZMIX		@	
GEL	1500#	@ 0.50	750.00
CHLORIDE		@	
ASC		@	
60/40 4% gel	200	@ 18.92	3784.00
~~hulls~~	~~300#~~	@ ~~0.99~~	~~297.00~~
hulls	300#	@ 0.99	297.00
		@	
Materials		@	483.00
		@	
Disc		@	1352.68
		@	
HANDLING	200 sks	@ 2.48	496.00
MILEAGE	329 t/m	2.75	904.75
		TOTAL	~~6251.75~~

SERVICE

DEPTH OF JOB			1450
PUMP TRUCK CHARGE			1250.00
EXTRA FOOTAGE		@	
MILEAGE	35 LV MI	@ 4.40	154.00
MANIFOLD		@	
	35 LV MI	@ 7.70	269.50
		@	
			3074.25
Disc	860.79	TOTAL	~~6773.50~~

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

SALES TAX (If Any)
TOTAL CHARGES 7905.25
DISCOUNT 2213.47 28% IF PAID IN 30 DAYS
net $5691.78

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 Calvin McKee
SIGNATURE