Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1210223

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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 #:

3/20/2014	3/29/2014	4/22/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21789-00-00
Spot Description: SE NE SE
_ SE _ NE _ SE Sec. 22 Twp. 30 S. R. 19 ☐ East ☑ West
1650 Feet from ☐ North / ☑ South Line of Section
330 Feet from ☑ East / ☐ West Line of Section

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

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Kiowa
Lease Name: MTPRC 'B' Well #: #2-22
Field Name: Alford
Producing Formation: Mississippian
Elevation: Ground: 2232 Kelly Bushing: 2241
Total Vertical Depth: 5200 Plug Back Total Depth: 5140
Amount of Surface Pipe Set and Cemented at: 271 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: 16000 ppm Fluid volume: 900 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Roberts Resources
Lease Name: MARY #1-16 SWDW License #: 32781
Quarter NE Sec. 16 Twp. 29 S. R. 18 ☐ East ☑ West
County: Kiowa Permit #: D-28396

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: 06/27/2014
☑ **Confidential Release Date:** 06/26/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/30/2014

[redacted] 1210223

Operator Name: McCoy Petroleum Corporation Lease Name: MTPRC 'B' Well #: #2-22

Sec. 22 Twp. 30 S. R. 19 ☐ East ☑ West County: Kiowa

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Pioneer: Dual Induction, Density/Neutron, Caliper, Microlog, Compensated Sonic, Cement Bond Log

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

Name Top Datum

See Attached Tops

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	17.5	13.375	48	271	60/40 Pozmix	295	2%Gel, 3%CC, 1/4#/sx Celoflake
Surface	12.25	8.625	24	648	A-Conn	375	3%CC, 1/4#/sx Celoflake
Production	7.875	5.5	15.5	5191	AA-2 McCoy Blend	150	Blend

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	5090-5114, 5080-5082, 5072-5076, 5066-5068' (Miss:Spergen)	AC: 1000gals 15%MCA. REAC: 3000gals 20%SGA, 120 BallSealers	5114

TUBING RECORD: Size: 2.875 Set At: 5134 Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 4/22/2014

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	288	238	20		

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: 5066-5114' (Miss)

Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	MTPRC 'B' #2-22
Doc ID	1210223

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	17.5	13.375	48	271	60/40 Pozmix	295	2%Gel, 3%CC, 1/4#/sx Celoflake
Surface	12.25	8.625	24	648	A-Conn	375	3%CC, 1/4#/sx Celoflake
Production	7.875	5.5	15.5	5191	AA-2 McCoy Blend	150	Blend

ACO -1 Supplemental Information

SAMPLE TOPS
McCoy Petroleum Corp.
MTPRC 'B' #2-22
SE NE SE
1650'FSL & 330'FEL
Sec 22-30s-19w
KB: 2241’

	Depth	Datum
LaCompton B	4011	-1770
Queen Hill	4049	-1808
Heebner	4229	-1988
Toronto	4244	-2003
Douglas	4264	-2022
Brown Lime	4417	-2176
Lansing	4435	-2194
Lansing B	4457	-2216
Lansing F	4547	-2306
Lansing H	4611	-2370
Lansing J	4725	-2484
Stark	4763	-2522
Hushpuckney	4810	-2569
Marmaton	4905	-2664
Pawnee	4943	-2702
Cherokee	4988	-2747
Miss.	5059	-2818
Spergen Pors.	5096	-2855
Warsaw	5121	-2880
RTD	5200	-2959

LOG TOPS
McCoy Petroleum Corp.
MTPRC 'B' #2-22
SE NE SE
1650'FSL & 330'FEL
Sec 22-30s-19w
KB: 2241’

	Depth	Datum
LaCompton B	4013	-1772
Queen Hill	4046	-1805
Heebner	4226	-1985
Toronto	4240	-1999
Douglas	4261	-2020
Brown Lime	4414	-2173
Lansing	4436	-2195

Lansing B	4454	-2213
Lansing F	4544	-2303
Lansing H	4608	-2367
Lansing J	4720	-2479
Stark	4760	-2519
Hushpuckney	4806	-2565
Marmaton	4902	-2661
Pawnee	4946	-2705
Cherokee	4985	-2744
Miss.	5060	-2819
Spergen Pors.	5094	-2853
Warsaw	5121	-2880
LTD	5198	-2957

GEOLOGICAL REPORT
Larry A. Nicholson

37.415531
-99.3739218

COMPANY & WELL McCoy Petroleum MTPRC 'B' #2-22
LOCATION 1650' FSL 330' FEL SE NE SE
SEC 22 TWP 30S RGE 19W
COUNTY Kiowa STATE Ks

COMPANY McCoy Petroleum Corporation
API # 15-097-21789 FIELD Alford
LEASE MTPRC 'B' WELL # #2-22
LOCATION SE NE SE
SURVEY 1650' FSL 330' FEL
SECTION 22 TWP 30S RGE 19W
COUNTY Kiowa STATE Kansas

CONTRACTOR Sterling Drilling Rig # 4
SPUD 03/20/14 at 2:30 pm COMP
RTD 5200 5:15pm 3-28-14 LTD 5198
MUD UP AT 3556
MUD TYPE Chemical, MudCo

ELEVATIONS
K.B. 2241
D.F.
G.L. 2232
All measurements from K.B. 2241

SAMPLES SAVED FROM 3900 TO RTD
DRILLING TIME FROM 3900 TO RTD
SAMPLES EXAMINED FROM 3900 TO RTD
GEOLOGICAL SUPERVISION FROM 3900 TO RTD
WELLSITE GEOLOGIST LARRY A. NICHOLSON

CASING RECORD
Conductor 270 of 13 3/8" w/ 295 sx
Surface 648 of 8 5/8" w/ 375 sx
Production of w/ sx

ELECTRICAL SURVEYS Pioneer, Den, Neu, Dual, Micro, Sonic

FORMATION TOPS & STRUCTURAL POSITION

FORMATION	SAMPLE TOPS	SUBSEA DATUM	ELEC LOG TOPS	SUBSEA DATUM	REFERENCE WELL A	REFERENCE WELL B

REFERENCE WELLS A: B:

REMARKS & RECOMMENDATIONS:
Based on dst results and sample shows 5 1/2 csg was set.

**Note ROP, Gas, DST need to move up 3' to match log*
**TOPS are log tops.*
**DST #1 5064-5121 GeoReport*
**DST #1 5061-5118 LOG*

LAN 7/92, Modified 5/05, 11/11, 4/12 Hanover, KS 66945 1inch = 25.4mm 8.5 x 97.5 216 mm x 2460 mm

LEGEND

Limestone, Ooi Limestone, Dolomite, Chert, Shale, Carbonaceous Shale, Salt, Sandstone, Anhydrite

SAMPLE DESCRIPTIONS | REMARKS

Pipe Strap: Strap: 3949.52 27 long to board
Board: 3949.25

Ls, wht lt gry, micro-vfn xln, dull, chlky in part, n stn, n odor, n sho

Sh, from trip

Ls, wht tan, vfn xln, foss - dk gry in part, n odor, n sho

Ls, crm lt gry, micro-vfn xln, scat spary & lt gry foss, n stn, n odor, n sho

Ls, crm lt gry, micro-vfn xln, vfn spary xln, dns, chlky in part, , n vis por, n odor, n sho

Ls, crm lt gry, micro-vfn xln, vfn spary xln, dns, scat md gry md foss frag in few, chlky in part, , n vis por, n odor, n sho
Ls, crm- lt gry, micro xln, lithic, scat lt gry chert, chlky in part, n odor, n sho

Sh, dk gry, gry, sft, brn org, grn gry sli wxy

Ls, lt tan & gry, micro xln, lithic, chinoid, spary foss clr & lt gry in part, sm cutn, bed in sh, n stn, , n sho
Sh, lt gry silty, mica, calc

Sh, lt gry silty, mica, calc, brn org
Ls, wht lt gry, micro-vfn xln, dull, chlky in part, few micro xln, w/pyrite xln, n stn, n odor, n sho

Sh, md gry, sft, trc dism pyrite in few,
Ls, wht crm, micro xln, dns, foss in part, n vis por, scat crm tranl chert, n stn, n odor, n sho
Sh, md-dk gry, silty, brn org vsft

Ls, wht lt gry-lt tan gry, micro xln, dns, spary calc xln in part, n vis por, scat wht chert, n odor, n sho

Ls, wht lt gry-lt gry, micro xln, dns, n vis por, scat lt tan chert, n odor, n sho

Ls, wht lt gry, micro-vfn xln, dns, n vis por, scat lt tan chert, n odor, n sho

Ls, wht crm, micro-vfn xln, dull, dns, n vis por, lt gry sli tranl chert, , n odor, n sho

Sh, blk carb, md gry, sli silty & mica

Ls, wht crm- lt gry, micro xln, sm cutn, n sho

Sh, md gry,lt brn vsft, grn gry sli wxy
Sh, blk carb, more fissl, sli mica
Ls,crm lt gry micro xln, dull, -vfn xln, dull- sli spary calc, n vis por, n odor, 2 cutn w/md brn gil stn, n sho

Ls,crm lt gry micro xln, dull, -vfn xln, dull-,n vis por, n odor, n stn, n sho

Ls,crm lt gry micro xln, dull, -vfn xln, dull-,n vis por, n odor, n stn, n sho

Ls,crm lt gry micro xln, dull, -vfn xln, dull- sli spary calc, n vis por, n odor, n stn, , n sho
Ls, wht sli gry, micro xln, trc vfn xln spary calc, chlky in part, n stn, n odor, n sho
Ls, wht sli gry, micro xln, scat fn xln spary calc, trc lt gry chert, n odor, n stn, n sho

Ls, wht sli gry, micro xln, scat vfn xln sli spary calc, n stn, n odor, n sho
Sh, md gry, silty, sli mica, fusln & chinoid stems

Sh, md gry, silty, sli mica, fusln & chinoid stems

Ls, wht lt gry, motld, dns, dull, n stn , n odor, n sho

Ls, wht lt gry, micor-vfn xln, sli motld in part, dns, n vis por, n stn, n odor, n sho

Ls, wht lt gry sm cutn,micro xln, w/sm spary calc xln, n stn, n odor, n sho

Ls, crm, micro xln, dns, trc spary calc, n vis por, sli wht tan chert, n odor, n stn, n sho

Ls, crm, micro xln, dns, n vis por, n por, n stn, n odor, n sho
Ls,wht lt crm motld lt gry, micro xln, spary calc xln, n por, n stn, n odor, n sho

Sh, md gry, silty, sli mica

Sh, blk carb, ppt gas bubbles, md gry, silty, lt gry vsft
Ls, lt gry, vfn xln, dns, sec cmt, scat wht chert, n odor, n stn, n sho

Sh, blk carb, ppt gas bubble, md gry, silty, lt gry vsft
Ls, lt gry tan, micro-vfn xln, britl, chlky, n odor, n sho
Sh, vsft wht& lt gry clay

Ls, wht lt gry, vfn xln, sli dol, britl, chlky, n stn n odor, n sho

Ls, lt tan gry, micro-vfn xln, 2% w/ fn md gry foss in matrix, n stn n odor, n sho
Ls, lt tan gry, Aa, incr dol, more chalky
Ls, lt tan gry, micro-vfn xln, sli dol in part, fn pyrite xln in part, n stn n odor, n sho
Sh, md gry, sli silty, sli mica, few ppt gas bubbles,

Sh, md gry vsft, silty, cir qtz, sli mica, trc blk incl

Sh, md gry vsft, silty, sli mica, trc blk incl, lt gry, silt-vfn grn, vsft lt clay

Ls, tan-brn, micro xln, dns, glassy, chert, bioclastic foss in part, n stn, n odor, n sho
Sh, lt gry, silty

Sh, md gry vsft, silty, sli mica, trc blk incl, trc pyrite

Sh, lt gry vsft, silty, sli mica, trc blk incl, brn

Sh, md gry vsft, silty, sli mica, trc blk incl, vsft lt gry clay

Sh, md gry vsft, silty, sli mica, trc blk incl, vsft brn

Sh, md gry vsft, silty, sli mica, trc blk incl, trc pyrite

Sh, md-lt gry vsft, silty, sli mica, trc blk incl,

Sh, md-lt gry vsft, silty, sli mica, trc blk incl,

Sh, md-lt gry vsft, silty, sli mica, trc blk incl,

Sh, md-lt gry vsft, silty, gry brn, sli mica, trc blk incl,
Ls, tan, micro xln, trc tan chert scat in shale,

Sh, md-lt gry vsft, silty,

Sh, md-lt gry vsft, silty, gry brn, sli mica, trc blk incl,

Ls, lt brn motld tan, micro xln, md md gry foss, dns, n vis por, trc sm tranl chert, n stn, n odor, n sho
Sh, md-lt gry firm, sli silver mica, lt gry vsft,
Sh, md-lt gry firm, sli silver mica, lt gry vsft,
Ls, wht-lt brn micro xln, few w/motld md gry bioclastics, nearly grnstn, n vis por, n stn, n odor, n sho
Ls, wht w/motld tan, dns, sli granular, sli foss, n vis por, trc wht chert, poss sli brn gil stn, n odor, n flor, n sho
Sh, md-lt gry silty, , sli mica in part
Ls, wht crm, micro xln, dull, 3% brn micro xln, dns, fdc grnstn, n intra grn por, trc md brn gil stn n few, n odor, n sho
Ls, crm-lt gry, micro xln, dull, 3% brn micro xln, dns, fdc grnstn, n intra grn por, trc md brn gil stn n few, n odor, n sho

Ls, wht lt crm & wht lt gry, micro xln, dull, trc spary calc in part, n stn n sho

Sh, md-lt gry , sli silty, few vsm clustr pyrite
Ls, tan, vfn xln, granular in part, pr sec vfn por, trc md brn gil stn, scat wht chert, chlky in part, n odor, n flor, n sho
Ls, crm lt tan, vfn xln, granular in part, pr sec vfn por, trc spary calc xln, n odor, n stn, n sho

Ls, crm lt tan, vfn xln, granular in part, few w/fn bioclastic rem, pr sec vfn por, trc spary calc xln, n odor, n stn, n sho
Ls, wht lt gry, sli silty-wht/clr qtz, few pyrite
Ls, crm lt gry, micro xln, lithic, dns, few bioclastic sparry frag n odor, n sho
Sh, lt gry sli silty,
Ls, crm lt gry, micro xln, scat spary calc xln, 5% granular, n vis por, md gry bioclastic, trc md brn gil stn, n odor, n sho
Ls, crm lt gry, micro xln, scat spary calc xln, 3% bioclastic n vis por, chlky, n stn, n odor, n sho
Ls, crm lt gry, micro xln, scat spary calc xln, few lt gry sli w/ bioclastic n vis por, chlky, n stn, n odor, n sho

Ls, crm lt gry, micro xln, dull, 5% lt gry granular, scat gry chert, chlky in part, n odor, n stn, n sho
Ls, crm lt gry, micro xln, dull, 3% dns md dns grnstn, spary xln in part, n stn, n por, trc lt brn gil stn, n sho

Ls, lt crm tan, micro xln, spary xln, vfn xln in part, chlky, scat lt gry chert, n stn, n odor, n sho

Ls, lt crm tan, micro xln, spary xln, vfn xln in part, chlky, scat lt gry chert, n stn, n odor, n sho

Ls, crm lt gry, micro xln, dull, vfn xln, v chlky, lt gry chert, n odor, n stn, n sho
Ls, crm lt tan, micro xln, dull, vfn xln, v chlky, lt tan gry chert, n odor, n stn, n sho
Sh, md gry, silty, clr qtz, silt pyrite xln,

Sh, md gry, silty, clr qtz, silt pyrite xln,
Ls, lt tan, vfn xln, subsucro, less chlky, scat lt gry tranl chert, n stn, n odor, n sho

Ls, lt tan, vfn xln, subsucro, less chlky, scat lt gry tranl chert, n stn, n odor, n sho
Sh, md gry,
Ls, lt tan-brn, 5% spary granular grnstn, w/sec cmt xln, ool vugs, chlky, scat lt gry chert, n odor, n stn, n sho

Ls, lt tan-brn, micro xln, tite, 3% vfn xln, sli dol, chlky, scat lt gry chert, n odor, n stn, n sho
Ls, lt tan-brn, micro xln, tite, , chlky, scat lt gry-wht chert, n odor, n stn, n sho

Ls, lt tan-brn, micro xln, sli-spary, dull, dns, chlky, scat lt gry-wht chert, n odor, n stn, n sho

Ls, lt tan-crm, micro xln, trc spary calc xln, chlky, scat lt tan chert, n stn, n odor, n sho

Ls, lt tan-crm, micro xln, trc spary calc xln, chlky, scat lt tan chert, n stn, n odor, n sho

Ls, lt tan-crm, micro xln, trc spary calc xln, chlky, scat lt tan chert, n stn, n odor, n sho
Ls, lt tan-crm, micro xln, trc spary calc xln, incr chlky, scat lt tan chert, n stn, n odor, n sho
Ls, crm lt tan, micro xln, dull, few w/ spary calc xln, chlky, wht-lt tan tranl chert, n stn, n sho

Sh, blk carb sli mica, ppt gas bubble, md gry, silty
Ls, (am cutn) wht lt tan, vfn-micro xln, dull, britl, v chlky, scat lt gry-wht chert, n odor, n stn, n sho
Ls, (am cutn) wht lt tan, vfn-micro xln, dull, britl, v chlky, n odor, scat wht lt gry tranl chert, n stn, n sho
Ls, wht lt crm, micro-vfn xln, sli spary, scat lt brn chert, n odor, n stn, n sho
Sh, md gry lt gry
Ls, lt brn gry, micro xln, lithic/mealy, n por, lt brn tan chert, n n stn, n odor, n sho
Ls, wht lt crm, micro-vfn xln, n vis por, scat lt gry chert, n stn, n odor, n sho

Sh, blk carb, gd ppt gas bubbles, md gry

Sh, blk carb, gd ppt gas bubbles, md gry silty
Ls, wht tan, micro-vfn xln, sli bioclastic in part, 3 cutn oolitic grnstn, oolmold vugs, pr intra-grn por, chlky, n stn, n odor, n sho
Ls, wht tan, micro-vfn xln, sli bioclastic in part, dns, chlky, n stn, n odor, n sho
Sh, blk-dk gry sli silty, lt gry sli silty
Ls, wht tan fn gry, micro-vfn xln, sli bioclastic, dns, n stn, n odor, n sho
Sh, blk carb, ppt gas bubbles, md gry
Ls, wht tan lt gry, micro-vfn xln, spary calc xln in part, dns, n por, n stn, n odor, n sho

Ls, sm cutn, tan-lt gry, micro xln, dns, chlky, scat lt crm chert
Sh, blk carb, md gry, grn gry, trc ppt gas

Ls, wht lt gry, micro xln, trc spary xln, dns, dull, scat crm lt gry chert, n stn, n odor, n sho
Ls, gry-lt gry motld, lithic, dns, chlky, scat crm chert, n sho
Sh, lt gry,
Ls, lt tan, micro xln, 5% wht motld tan brn, lt brn foss frag in grainstn, mostly dns, n stn, n odor, n sho
Ls, lt tan, micro xln, 3 it brn foss frag in grainstn, mostly dns, n stn, n odor, n sho
Sh, md gry, mica, lt gry imy
Ls, lt tan, motld, vfn xln, fn spary calc xln, foss in part, n stn, n sho
Ls, lt tan, micro-vfn xln, foss in part, n stn, n sho

Sh, md gry, blk carb,

Sh, blk carb, md gry,

Ls, (sm cut) lt tan, vfn xln, w/vf micro xln, dns, lt crm chert, n stn, n odor, n sho

Ls, lt tan, micro xln, dns, fn foss frag in part, lt crm chert, n stn, n odor, n sho
Sh, md gry, blk
Ls, lt tan, micro xln, dns, foss in part, lt crm chert, n stn, n odor, n sho

Sh, blk carb, md gry, lt gry diam pyrite,

Ls, (sm cutn) lt tan, micro xln, dns, foss in part, lt crm chert, n stn, n odor, n sho

Ls, crm lt tan, micro xln, dns, foss in part, n por, lt gry crm chert, n stn, vfnt odor, n sho
Ls, crm lt tan, micro xln, dns dull, n por, lt gry crm chert, n stn, vfnt odor, n sho
Ls, crm- lt tan, micro xln, dns, fewe cutn bioclastic in part, pr por, lt gry crm chert, n stn, n odor, n sho
Sh, blk carb, trc ppt gas bubbles, md gry, dism pyrite,
Ls, crm-lt tan, micro xln, dns, lt gry sli spary, n por, n stn, n sho

Ls, lt tan, micro xln, dns, lt tn glassy chert, tite, n stn, n sho

Ls, lt tan, micro xln, dull, 1 cutn brn grnstn, tite, w/ trc ppt gas bubbles, n stn, n flor, n odor, n sho
Ls, crm lt tan, micro xln, sli spary xln, dull, dns, trc dism pyrite, trc lt gry chert, n odor, n stn, n sho
Sh, blk carb sli gold mica, trc ppt gas

Ls, lt gry brn tan, micro-vfn xln, 4 cutn glassy brn grnstn, n stn, n odor, n sho

Sh, blk, sli micar, few lrn pyrite, md-lt gry
Ls, lt gry brn tan, micro-vfn xln, scat foss, few bioclastic grnstn, tite, n stn, n odor, n sho

Ls, crm lt tan, sm cutn, varies micro-vfn xln, dull, scat wht crm chert, n stn, n odor, n sho

Sh, blk, md gry,
Sh, blk, md gry, dism pyrite

Ls, crm lt tan, motld gry in part, sm cutn, varies micro-vfn xln, foss, few motld dns ool grnstn, dull, , n stn, n odor, n sho

Sh, blk carb, md gry, gry grn wxy, brn
Ls, wht crm, sli dol, vfn xln, micro xln, lt brn tranl chert, n stn, n odor, n sho

Sh, lt gry sft, gry grn gummy, brn, silty

Sh, blk-md gry, lt gry sft, yel, brn maron, lt tan gry silty-sndy
Ls, lt tan brn dns bioclastic grnstn, mostly lithic dns, 5% vfn xln, sli subsucro, scat tan brn chert
Ls, lt brn, fn granular, britl, vsft, ppt gas bubbles w/asdoc clr O spks, fnt wht grn flor in few, gd odor, sli wht cut spks - condensate.
Ls, wht-crm, vfn-micro xln, dull, britl, few grnstn w/ spary xln & sli intragrn por, scat brn chert, patchy Ostn in few,wht lt grn flor, gd odor
Dol, lt brn, varies, fn-md xln, sucro-subsucro, gd intra xln por to pr por, nearly uncorsol in few, vry lt brn O spts, gd volatile odor, wht fnt grn flor, flash wht lt blu cut
Dol, subsucro ool grnstn, fr-por, fr sho FO
Dol, lt brn, ool grnstn rextn subsucro w/ ppt por & ppt gas bubbles & lt brn O, few w/ fr-intra ool por, wht yel grn flor, flash cut, gd odor, GSFO, lt brn sat dry
Dol, wht, vfn xln, vfn spary calc, 5% ool subsucro grnstn, fr intra grn por, fr sho patchy lt brn O , Mostly micro xln, dns, gd odor, few cutn w/ blk gil stn
Dol, wht, vfn xln, vfn spary calc, subsucro grnstn, mostly tite, ppt por, ppt gas bubble & dry lt brn O spts, patch O stn wht, lt grn glucnite, gd odor, yelwht flor, flash cut

Dol, wht vfn xln, spary xln & fn foss frag, chlky, lt brn vfn xln, subsucro, pr-fr ool por, patchy sli brn sts, wht patchy stn, fnt odor, fnt wht flor, wht flor
Dol, wht (sm cutn) vfn xln, spary xln & fn foss frag, md grn glauconite in most, chlky, trc wht chrt, 3 cutn flor & O stn, n odor,

Dol, lt gry (sm cutn) vfn xln, spary xln , md grn glauconite in most, chlky, trc wht chrt, 3 cutn flor & O stn, n odor,

Dol, lt gry (sm cutn) vfn xln-sndy txt, spary xln , md grn glauconite in most, chlky, trc wht chrt, 3 cutn flor & O stn, n odor,
Dol, lt gry motld, (sm cutn) vfn xln-sndy txt, foss, few nearly grnstn, spary xln , 50% w/md grn glauconite in most, chlky, vsft lt gry trc wht chrt,

Dol, lt gry (sm cutn) vfn xln-silty-sndy txt, foss, trc fn xln pyrite,

Dol, lt gry (sm cutn) vfn xln-silty-sndy txt, foss, trc fn xln pyrite,

DST (1) 5064-5121
Miss
5-60-90-120

IF: Strong blow BOB 20 sec GTS in 12"
IS: blow back BOB in 4", GTS 12" into shut in "
FF: Strong blow BOB 20 sec. GTS immed, Guaged, TSTM by 40 min
FS: would not bleed off, OTS 28"

Total Rec: 5059'
4939' Gsy O, 10%G 90%O
120' GOWCM, 2%G 30%O 5%W 60%M
Reverse out Oil to truck 41 bbls

FP: 596-439 FFP: 541-1073
SIP: 1168 FSIP: 1164
HP: 2669 FHP: 2621
Grav 34.2
Temp 121°F

	Ox	psig	Mcfd
First Gas Rate:	.25	3	25.9
Last Gas Rate:	.25	3	25.9
Max Gas Rate:	.25	-	TSTM

SAMPLE DESCRIPTIONS | REMARKS

COMPANY McCoy Petroleum Corporation
LEASE MTPRC 'B' #2-22 SE NE SE
LOCATION 1650' FSL 330' FEL SEC. 22 TWP 30S RGE 19W
COUNTY Kiowa STATE Ks

ELEVATIONS
K.B. 2241
D.F.
G.L. 2232
All measurements from K.B. 2241

Chart for DST (1) Miss
(5064-5121)

Well Name & No. MTPRC B 2-22 Test No. 1
Company McCoy Petroleum Corporation Elevation
Address 8080 E Central Ste 300 Wichita KS 67206
Co. Rep / Geo Larry Nicholson Rig Sterl 4
Location: Sec. 22 Twp. 30S Rge. 19W Co. Kiowa
Interval Tested 5064 - 5121 Zone Tested Mississippi
Anchor Length 57 Drill Pipe Run 4847
Top Packer Depth 5059 Drill Collars Run 216
Bottom Packer Depth 5064 Wt. Pipe Run 0
Total Depth 5121 Chlorides 5000 ppm Sy
Blow Description IF: Strong Blow, BOB in 20 seconds
ISI: Blow Back Built to BOB in 4 minutes, GTS 12 minutes
FF: Strong Blow, BOB 20 seconds, GTS immediate, Guaged, TSTM
FS: would not bleed off, OTS 28 minutes
Rec 4939 Feet of GSY Oil
Rec 120 Feet of GOWCM
Rec Total 5059 BHT 121 Gravity 34.2 API RW N/C
(A) Initial Hydrostatic 2669
(B) First Initial Flow 596
(C) First Final Flow 439
(D) Initial Shut-In 1168
(E) Second Initial Flow 541
(F) Second Final Flow 1073
(G) Final Shut-In 1164
(H) Final Hydrostatic 2621
Generated by CamScanner

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita, KS 67206

ATTN: Larry Nicholson

MTPRC B #2-22

22-30s-19w Kiowa,KS

Start Date: 2014.03.27 @ 19:03:24
End Date: 2014.03.28 @ 07:32:39
Job Ticket #: 51974 DST #: 1

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

Printed: 2014.04.01 @ 16:42:02

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita, KS 67206

ATTN: Larry Nicholson

22-30s-19w Kiowa,KS

MTPRC B #2-22

Job Ticket: 51974 **DST#: 1**

Test Start: 2014.03.27 @ 19:03:24

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:26:24
Time Test Ended: 07:32:39

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Interval: 5064.00 ft (KB) To 5121.00 ft (KB) (TVD)
Total Depth: 5121.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

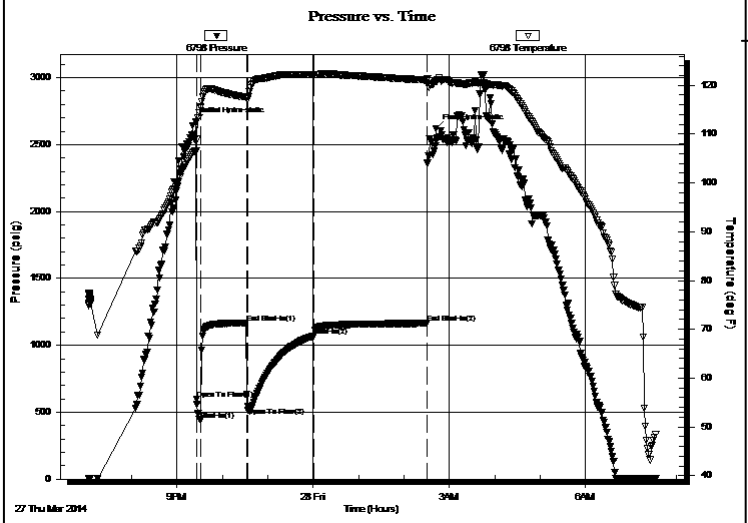
Reference Elevations: 2241.00 ft (KB)
2232.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798 **Inside**

Press@RunDepth: 1072.65 psig @ 5065.00 ft (KB)
Start Date: 2014.03.27 End Date: 2014.03.28
Start Time: 19:03:25 End Time: 07:32:39

Capacity: 8000.00 psig
Last Calib.: 2014.03.28
Time On Btm: 2014.03.27 @ 21:25:09
Time Off Btm: 2014.03.28 @ 02:42:24

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds
ISI: Blow Back Built to BOB in 4 minutes, GTS 12 minutes into Shut In
FF: Strong Blow , BOB in 20 seconds, GTS Immediate, Gauged W/ Merla, TSTM by 40 Minutes, Caught Sample
FSI Would Not Bleed Off, OTS in 28 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2668.79	106.63	Initial Hydro-static
2	596.10	106.67	Open To Flow (1)
7	438.55	115.55	Shut-In(1)
67	1167.53	117.59	End Shut-In(1)
69	540.94	117.19	Open To Flow (2)
157	1072.65	122.23	Shut-In(2)
306	1164.38	121.07	End Shut-In(2)
318	2621.10	120.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOWCM 5%G 5%W 30%O 60%M	0.59
4939.00	GSY Oil 10%G 90%O	68.41

Gas Rates

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

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita, KS 67206

ATTN: Larry Nicholson

22-30s-19w Kiowa,KS

MTPRC B #2-22

Job Ticket: 51974 **DST#: 1**

Test Start: 2014.03.27 @ 19:03:24

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:26:24
Time Test Ended: 07:32:39

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Interval: 5064.00 ft (KB) To 5121.00 ft (KB) (TVD)
Total Depth: 5121.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

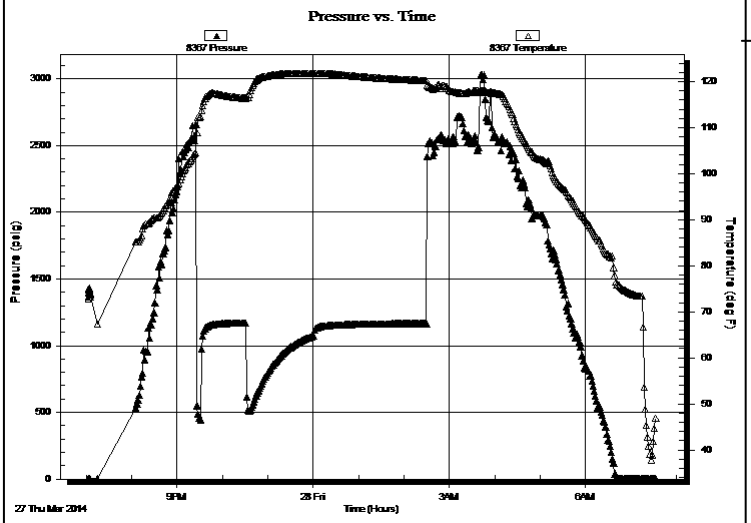
Reference Elevations: 2241.00 ft (KB)
2232.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8367 **Outside**

Press@RunDepth: psig @ 5065.00 ft (KB)
Start Date: 2014.03.27 End Date: 2014.03.28
Start Time: 19:03:25 End Time: 07:32:39

Capacity: 8000.00 psig
Last Calib.: 2014.03.28
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds
ISI: Blow Back Built to BOB in 4 minutes, GTS 12 minutes into Shut In
FF: Strong Blow , BOB in 20 seconds, GTS Immediate, Gauged W/ Merla, TSTM by 40 Minutes, Caught Sample
FSI Would Not Bleed Off, OTS in 28 minutes



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOWCM 5%G 5%W 30%O 60%M	0.59
4939.00	GSY Oil 10%G 90%O	68.41

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita, KS 67206

ATTN: Larry Nicholson

22-30s-19w Kiowa,KS

MTPRC B #2-22

Job Ticket: 51974 **DST#: 1**

Test Start: 2014.03.27 @ 19:03:24

Tool Information

Drill Pipe:	Length:	4843.00 ft	Diameter:	3.80	inches	Volume:	67.93	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	216.00 ft	Diameter:	2.25	inches	Volume:	1.06	bbl	
						Total Volume:	68.99	bbl	

Drill Pipe Above KB:	21.00 ft
Depth to Top Packer:	5064.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	57.00 ft
Tool Length:	83.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2100.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		120000.0 lb
Tool Chased		ft
String Weight:	Initial	95000.00 lb
	Final	110000.0 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			5043.00		
Hydraulic tool	5.00			5048.00		
Jars	5.00			5053.00		
Safety Joint	2.00			5055.00		
Packer	5.00			5060.00	26.00	Bottom Of Top Packer
Packer	4.00			5064.00		
Stubb	1.00			5065.00		
Recorder	0.00	6798	Inside	5065.00		
Recorder	0.00	8367	Outside	5065.00		
Perforations	4.00			5069.00		
Change Over Sub	1.00			5070.00		
Drill Pipe	32.00			5102.00		
Change Over Sub	1.00			5103.00		
Perforations	15.00			5118.00		
Bullnose	3.00			5121.00	57.00	Bottom Packers & Anchor
Total Tool Length:	**83.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita, KS 67206

ATTN: Larry Nicholson

22-30s-19w Kiowa,KS

MTPRC B #2-22

Job Ticket: 51974 **DST#: 1**

Test Start: 2014.03.27 @ 19:03:24

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	34 ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOWCM 5%G 5%W 30%O 60%M	0.590
4939.00	GSY Oil 10%G 90%O	68.407

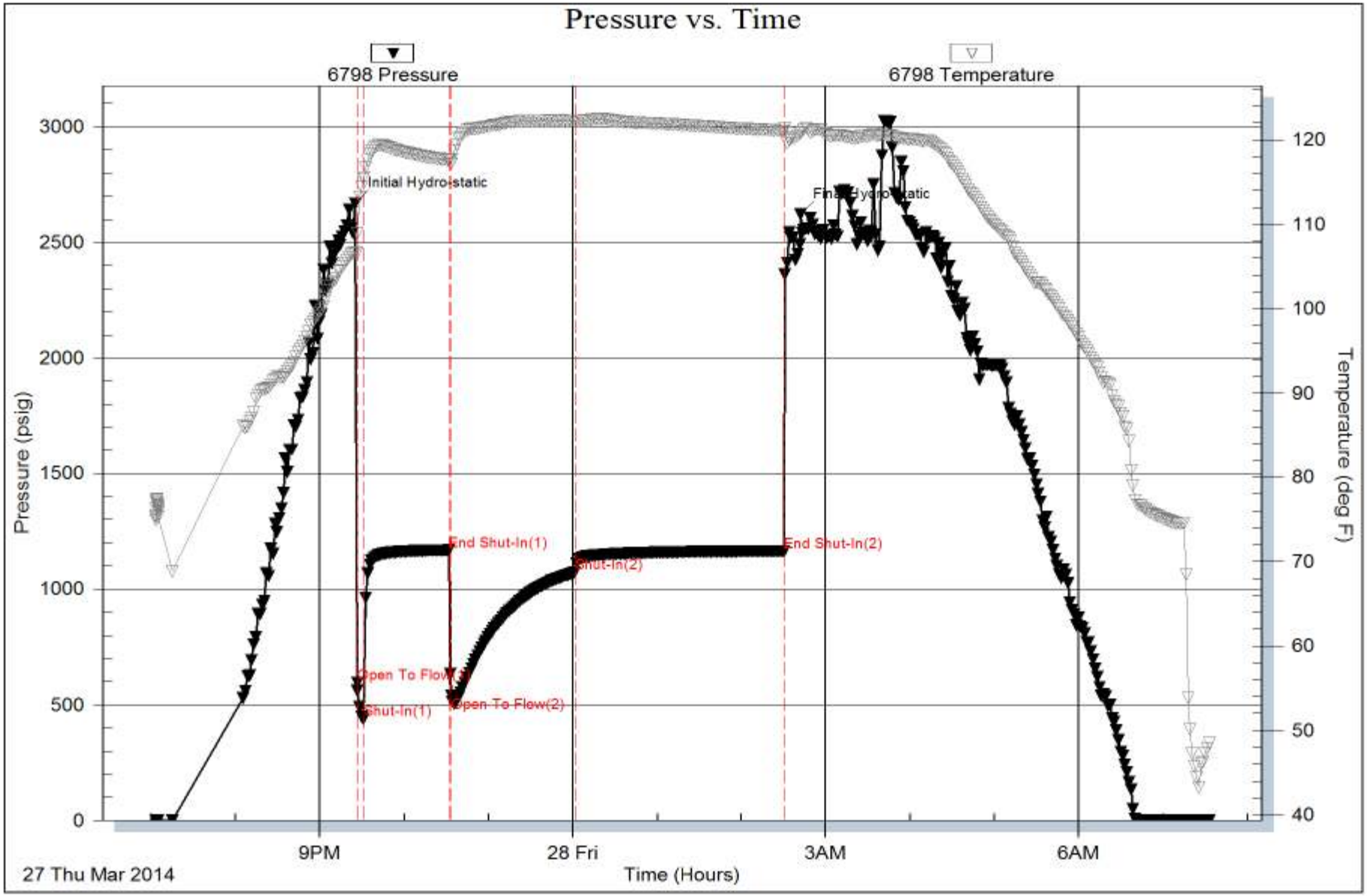
Total Length: 5059.00 ft Total Volume: 68.997 bbl

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

Laboratory Name: Laboratory Location:

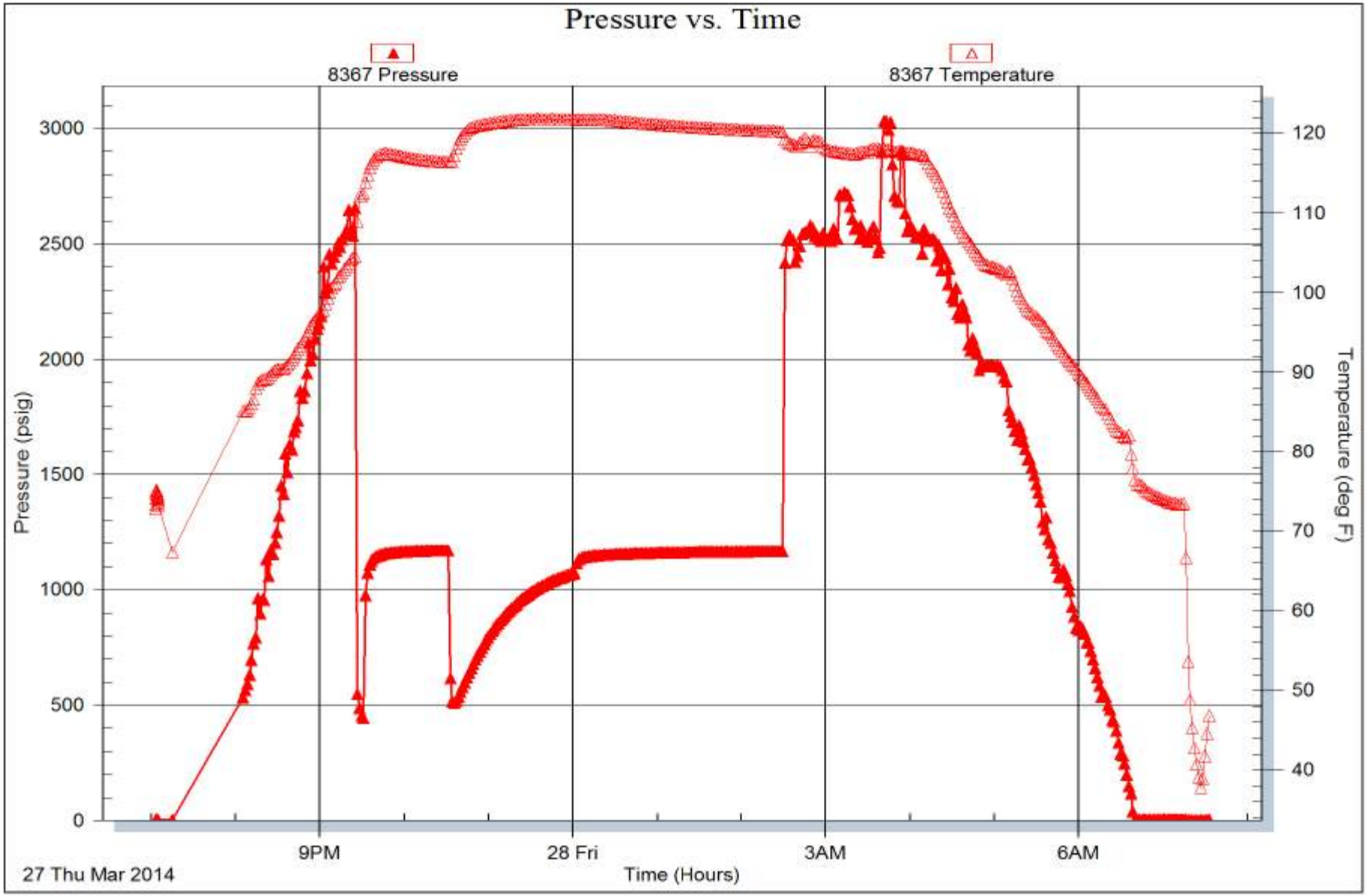
Recovery Comments: Gravity Was 32 @ 38 degrees

Serial #: 6798 **Inside** McCoy Petroleum Corporation MTPRC B #2-22 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 51974 Printed: 2014.04.01 @ 16:42:04

Serial #: 8367 **Outside** McCoy Petroleum Corporation MTPRC B #2-22 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 51974 Printed: 2014.04.01 @ 16:42:05

4/10

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51974

Well Name & No. MTPRC B 2-22	Test No. 1	Date 03/27/14	
Company McCoy Petroleum Corporation	Elevation 2241	KB 2232	GL
Address 8080 E Central Ste 300 Wichita, KS 67206			
Co. Rep / Geo. Larry Nicholson	Rig Sterling 4		
Location: Sec. 22	Twp. 30S	Rge. 19W	Co. Kiowa State KS

Interval Tested 5064 - 5121	Zone Tested Mississippi		
Anchor Length 57	Drill Pipe Run 4843	Mud Wt. 9.6	
Top Packer Depth 5059	Drill Collars Run 216	Vis 45	
Bottom Packer Depth 5064	Wt. Pipe Run 0	WL 9.6	
Total Depth 5121	Chlorides 5000 ppm System	LCM 4	

Blow Description IF: Strong Blow, BOB in 20 seconds

ISI Blow Back Built to BOB in 4 minutes, GTS 12 minutes into shut in

FF: Strong Blow, BOB in 20 seconds, GTS immediate, Gauged w/meter, TSTM by 40 minutes, Caught Sample

FSI: would not Bleed off, OTS in 28 minutes

Rec	Feet of	%gas	%oil	%water	%mud
4939	GSY oil	10	90		
120	GOWCM	5	30	5	60

Rec Total 5059 BHT 121 Gravity 34.2 API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic 2669	☑ Test 1350	T-On Location 1830	
(B) First Initial Flow 596	☑ Jars 250	T-Started 19:03	
(C) First Final Flow 439	☑ Safety Joint 75	T-Open 21:26	
(D) Initial Shut-In 1168	☐ Circ Sub	T-Pulled 02:30	
(E) Second Initial Flow 541	☑ Hourly Standby 2 2.5h 250	T-Out 07:32	
(F) Second Final Flow 1073	☑ Mileage 110 170.50	Comments	
(G) Final Shut-In 1164	☐ Sampler		
(H) Final Hydrostatic 2621	☐ 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 2095.50	
Final Shut-In 120	☐ Accessibility	MP/DST Disc't	
	Sub Total 2095.50		

Approved By [signature] 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
8/12

Gas Volume Report

McCoy Petroleum corporation (Operator) | MTPRC B 2-22 (Well Name and No.) | 1 (DST No.)

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	~~Ins. of Water~~ PSIG	Orifice Size	M CF/D
				20	3	1/4	25.9
				30	3	1/4	25.9
				40	TSTM	1/4	(changed to 1/8")
				50	TSTM	1/8	
				60	TSTM	1/8	
				70	TSTM	1/8	
				80	TSTM	1/8	
				90	TSTM	1/8	

Remarks:

BASIC energy services, L.P.

TREATMENT REPORT

Customer McCOY PETROLEUM	Lease No.		Date 3-21-14
Lease MTPPC B	Well # 2-22		
Field Order # 9819	Station PRATT	Casing 13 3/8 Depth 270.72	County KIOWA State KS
Type Job CNW CONDUCTOR	Formation		Legal Description 22-30-19

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid CMT 295 SKS	60/40 POZ 3% CC 1/4# CF	RATE	PRESS ISIP
Depth 270.72	Depth	From	To	Pre Pad	Max		5 Min.
Volume 42.5	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection SV	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 270.72	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	37586		27463		70999	19918					
Driver Names	MATTAI		ESSING		HAMSON						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:05					ON LOCATION / SAFETY MEETING
10:15					RUN 6 JTS 13 3/8 48# CASING
11:30					CASING ON BOTTOM
11:45					HOOK UP TO CSNG. / BREAK CIRC W. RIG
11:55	200		3	5	PUMP 3 BBLS H2O
11:50	400		64	5	MIX 295 SKS 60/40 POZ
12:10	200		—	5	START DISPLACEMENT
12:20	300		39.4	—	PLUG DOWN, SHUT IN WELL.
					10 BBLS CMT TO PIT

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

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer: McCoy Petroleum Corp.	Lease No.	Date: 3-21-14	
Lease: MTPRC "B"	Well #: 2-22		
Field Order #: 10,144	Station: Pratt, Kansas	Casing: 8 5/8" 24lb Depth: 648Feet	County: Kiowa
State: Kansas	Type Job: C.N.W. - Surface	Formation	Legal Description: 22-30S-19W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8 24lb/Ft.	Tubing Size	Shots/Ft	200 sacks Cement	Acid: A-CON with 3% Calcium Chloride, .25Lb/Sk. Cellflake	RATE	PRESS	ISIP
Depth: 648Feet	Depth	From	To: 12Lb/Gal., 8Gal/Sk.,	Pre Pad	Max: 2.47 C.U.F.T./Sk.		5 Min.
Volume: 41.2 Bbl.	Volume	From	To	Pad: 14.49	Min		10 Min.
Max Press: 400 P.S.I.	Max Press	From: 175 sacks 60/40 Poz with 2% Total Gel, 3% Calcium Chloride, .25Lb/Sk. Cellflake	To	Frac	Avg		15 Min.
Well Connection: Plug Container	Annulus Vol.	From: 14.8	To: 1Gal., 5.18Gal./Sk., 1.2	HHP Used: 1 C.U.F.T./Sk.			Annulus Pressure
Plug Depth: 633Feet	Packer Depth	From	To	Flush: 40.3 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative: Lanny Saloga	Station Manager: Kevin Gordley	Treater: Clarence R. Messick			
Service Units	37,216	19,886	19,843	70,959	19,918
Driver Names	Messick	Masquez		Hanson	

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00				Trucks	on location and hold safety meeting.
8:50	Sterling Drilling start to run Cement lined Regular Guide Shoe, Shoe Joint with				
	Baffle Plate screwed in to Collar and a total of 14 Joints new 24 Lb/Ft. 8 5/8" casing				
9:50					Casing in well. Circulate for 5 minutes.
10:00	300			5	Start Fresh water Pre-Flush.
	300		10	6	Start mixing 200 sacks A-CON Blend cement.
	300		98	5	Start mixing 175 sacks 60/40 Poz Blend cement.
	-0-		135		Stop pumping. Shut in well. Release Top Rubber Plug. Open Well.
10:40	175			5	Start Fresh water Displacement.
11:00	400		40.3		Plug down. Shut in well.
					Circulated 30 Bbl. cement to the pit.
					Wash up pump truck.
11:30					Job Complete.
					Thank You.
					Clarence, Edmundo, Josh

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Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer McCoy Pet	Lease No.	Date 03-29-14	
Lease NTPRC B	Well # 2-22		
Field Order # 10363	Station PRATT KS	Casing 5 1/2	Depth 5194'
County Kiowa	State KS		
Type Job CNW 5 1/2 Longstring	Formation	Legal Description 22-30-19	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 5194'	Depth	From	To	Pre Pad	Max		5 Min.
Volume 122 1/2	Volume	From	To	Pad	Min		10 Min.
Max Press 2000	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 5152	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager DAVE Scott	Treater Robert Williams

Service Units	37900	33708	20920	70959	19918						
Driver Names	Sullivan	GRAVES		Phyl							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					on loc Safty meety
					Run 5 1/2 csg.
5:00					CASING on Bottom
5:10					Hook Rig circ
					mix stop Loss SPACER
6:00	400		10	3.5	ST Loss SPACER
			4		SPACER
			38	4.5	mix cmt 150 sk AA-2 cmt
					cmt mixed Shut down. wash Line, Pump
					Release Plug
				6.5	St Disp
	200		87		Lift PSI
	600			4	Slow Rate
6:49	1800		122	2	Plug down
			13		Plug RH & MH
					JOB Complete
					THANK

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