



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212729
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

1212729

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

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

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

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

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	McCUNE 3-18
Doc ID	1212729

Tops

Name	Top	Datum
HEEBNER	3412	-1506
TORONTO	3427	-1521
DOUGLAS	3450	-1544
BROWN LIME	3566	-1660
LANSING	3587	-1681
BASE KANSAS CITY	3876	-1970
VIOLA	4002	-2096
SIMPSON SHALE	4096	-2190
ARBUCKLE	4192	-2286



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McCune 3-18 Dst 1

TIME ON: 02:05
TIME OFF: 10:25

Company L.D Drilling Lease & Well No. McCune 3-18
Contractor Petromark Rig 2 Charge to L.D Drilling
Elevation 1901 GL 1906 KB Formation _____ Lan "B-F" Effective Pay _____ Ft. Ticket No. RR041
Date 06/01/2014 Sec. 18 Twp. _____ 25 S Range _____ 12 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbott Diamond Representative _____ RICKY RAY

Formation Test No. 1 Interval Tested from 3596 ft. to 3685 ft. Total Depth 3685 ft.
Packer Depth 3591 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3596 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3585 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3682 ft. Recorder Number 13819 Cap. 5400 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 10 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6600 P.P.M. Drill Pipe Length 3448 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number Na Test Tool Length 24 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 89A (26P) ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1" Blow BOB in 45 secs 6" Blow Back
2nd Open: BOB Gas at Surface in 6 1/2 mins BOB in 10 mins

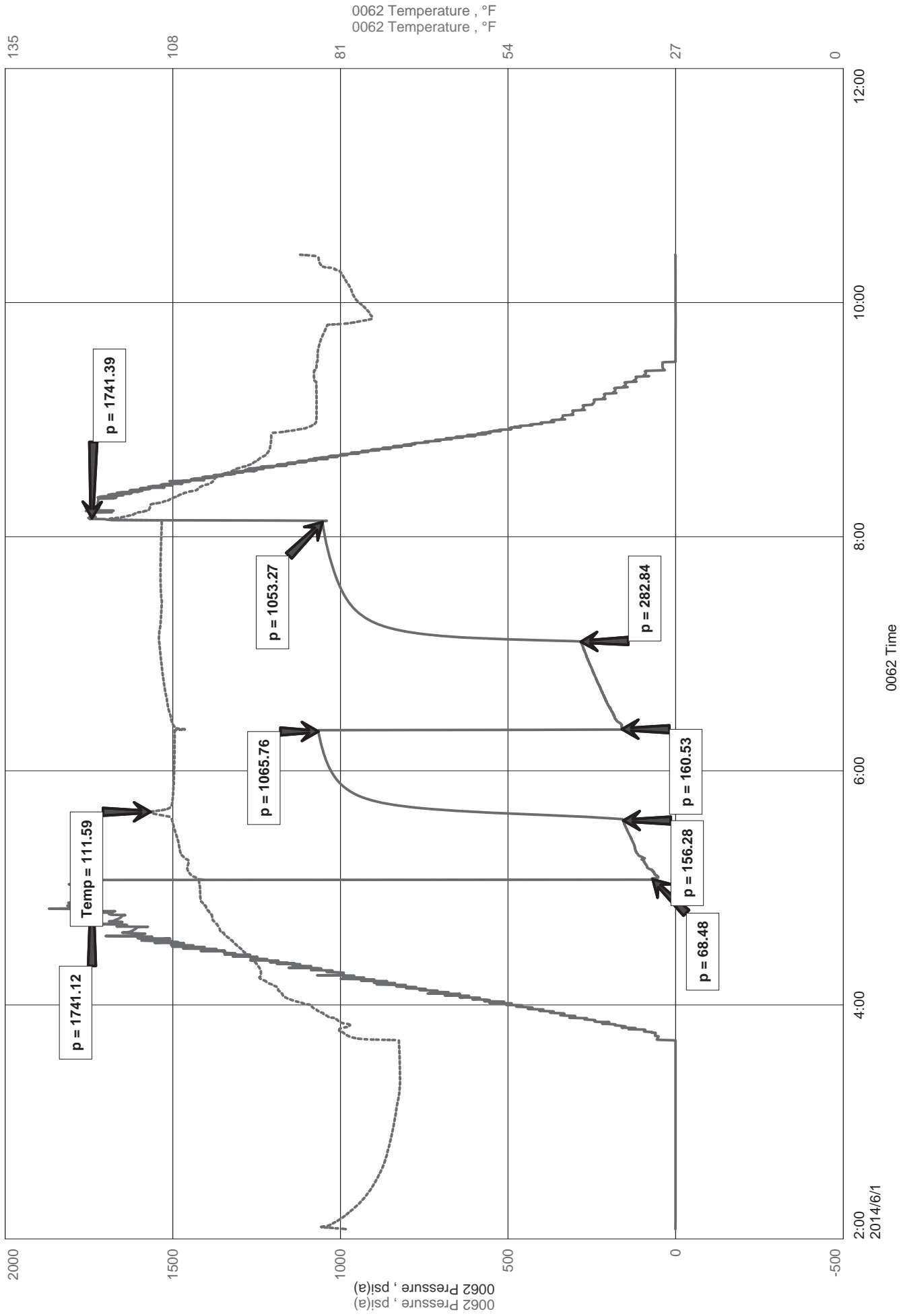
Recovered <u>2676</u> ft. of GIP		
Recovered <u>238</u> ft. of M 4% G 96% M		
Recovered <u>248</u> ft. of OWCM 20% G 6% O 16% W 58% M		
Recovered <u>186</u> ft. of HWM 4% G 92% W 4% M		
Recovered <u>672</u> ft. of Total Fluid	PH: 7	Price Job
Recovered _____ ft. of _____	RW: .06 @ 90 Deg	Other Charges
Remarks: _____	Chlorides: 65,000 PPM	Insurance
Tool Sample: 8% O 89% W 3% M		Total

Time Set Packer(s) 5:08 AM A.M. P.M. Time Started Off Bottom 8:08 AM A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1741 P.S.I.
Initial Flow Period..... Minutes 30 (B) 68 P.S.I. to (C) 156 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1066 P.S.I.
Final Flow Period..... Minutes 45 (E) 161 P.S.I. to (F) 283 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1053 P.S.I.
Final Hydrostatic Pressure..... (H) 1741 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

McCune 3-18





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
 (620) 617-7261

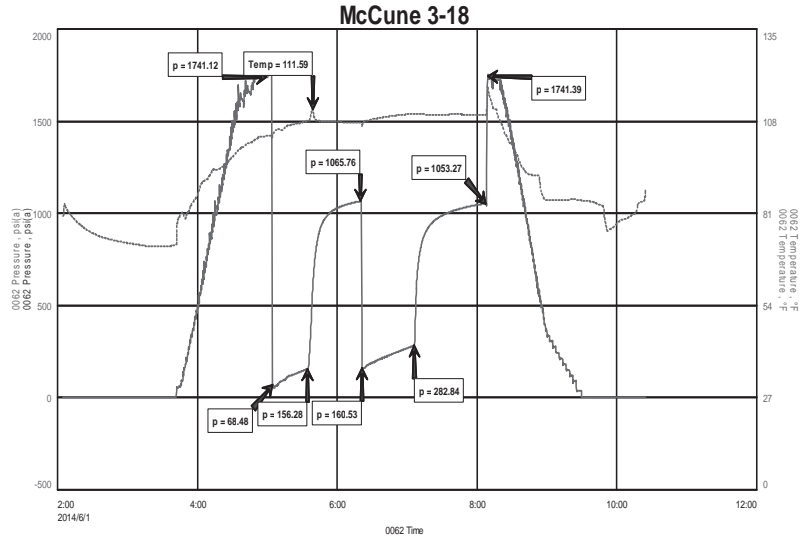
Wellsite Report

General Information

Company Name	L.D Drilling
Contact	L.D Davis
Well Operator	L.D Drilling
Well Name	McCune 3-18
Surface Location	Sec: 18-25s-12W
Field	Bunyan Northeast
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbott
Gauge Name	0062

Test Information

Job Number	RR041
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Lan "B-F" (3596-3685)
Start Test Date	2014/06/01 YYYY/MM/DD
Start Test Time	02:05:00 HH:mm:ss
Final Test Date	2014/06/01 YYYY/MM/DD
Final Test Time	10:25:00 HH:mm:ss



Test Results

Recovery:

2676'	GIP				
238'	M	4% G	96% M		
248'	OWCM	20% G	6% O	16% W	58% M
186'	HWM	4% G	92% W	4% M	
672'	Total Fluid				

Tool Sample: 8% O 89% W 3% M

Ph: 7
 Rw: .06 @ 90 Deg
 Chlorides: 65,000 PPM



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McCune 3-18 Dst 2

TIME ON: 23:18 06/01
TIME OFF: 07:32 06/02

Company L.D Drilling Lease & Well No. McCune 3-18
Contractor Petromark Rig 2 Charge to L.D Drilling
Elevation 1901 GL 1906 KB Formation KC "H-I-J" Effective Pay _____ Ft. Ticket No. RR042
Date 06/02/2014 Sec. 18 Twp. 25 S Range 12 W County Stafford State KANSAS
Test Approved By Kurt Talbott Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 3724 ft. to 3790 ft. Total Depth 3790 ft.
Packer Depth 3719 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3724 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3713 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3787 ft. Recorder Number 13819 Cap. 5400 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 68 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 8,500 P.P.M. Drill Pipe Length 3576 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number Na Test Tool Length 24 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 66(34P) ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB in 1 1/2 mins **NOBB**
2nd Open: BOB in 1 3/4 mins **10 1/2 inches Blow Back**

Recovered <u>2792</u> ft. of <u>GIP</u>		
Recovered <u>64</u> ft. of <u>OC+ HWM</u>	<u>20% G</u>	<u>10% O</u> <u>30% W</u> <u>40% M</u>
Recovered <u>124</u> ft. of <u>OHWC</u>	<u>14% G</u>	<u>6% O</u> <u>60% W</u> <u>20% M</u>
Recovered <u>124</u> ft. of <u>HOWCM</u>	<u>4% G</u>	<u>24% O</u> <u>50% W</u> <u>12% M</u>
Recovered <u>312</u> ft. of <u>Total Fluid</u>	PH: <u>7</u>	Price Job
Recovered _____ ft. of _____	RW: <u>.09 @ Deg</u>	Other Charges
Remarks: _____	Chlorides: <u>50,000 PPM</u>	Insurance
Tool Sample: <u>4% G</u> <u>81% W</u> <u>5% M</u>		Total

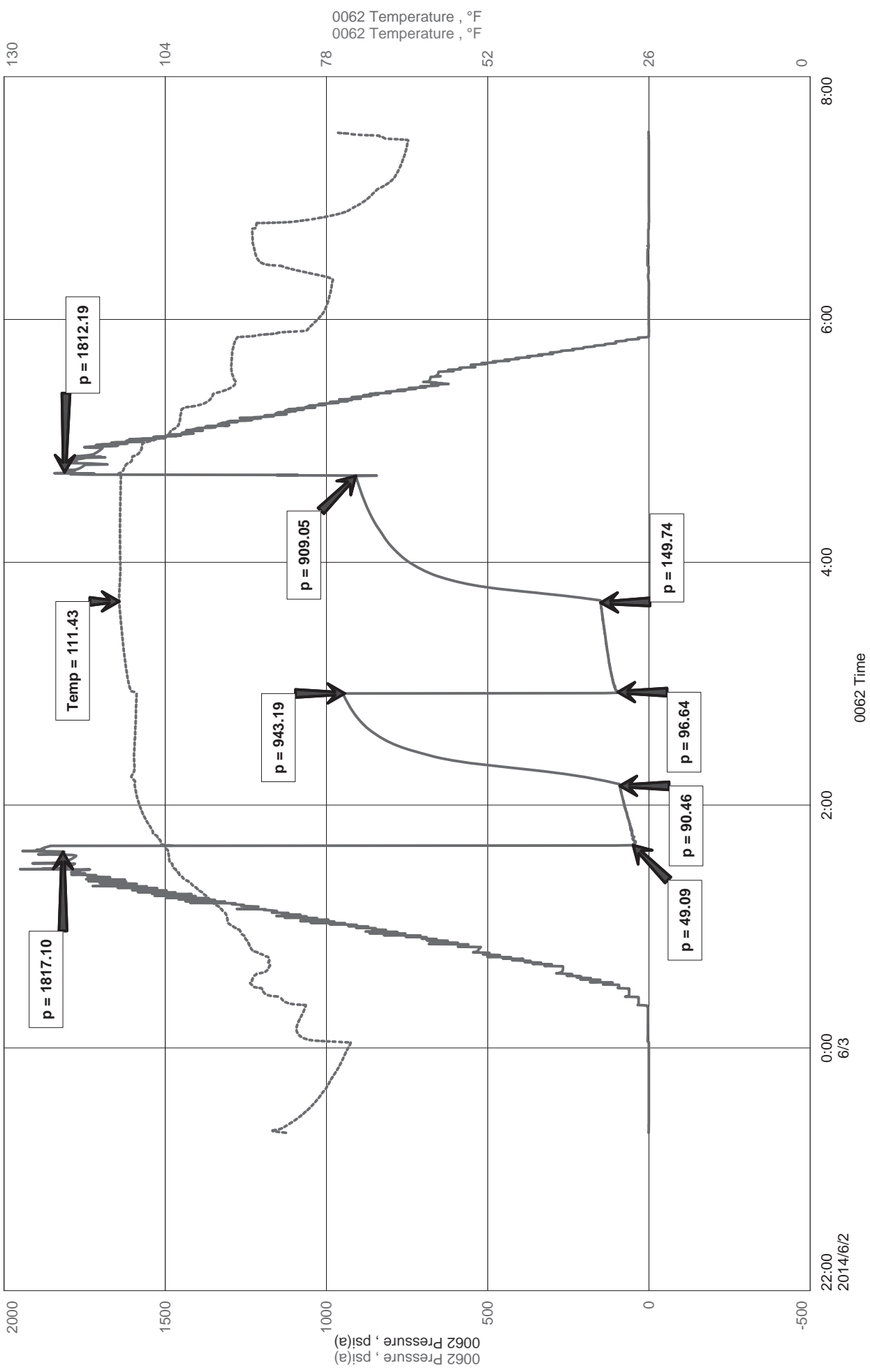
Time Set Packer(s) 1:40 AM A.M. Time Started Off Bottom 3:40 AM P.M. Maximum Temperature 111
Initial Hydrostatic Pressure..... (A) 1817 P.S.I.
Initial Flow Period..... Minutes 30 (B) 49 P.S.I. to (C) 90 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 943 P.S.I.
Final Flow Period..... Minutes 45 (E) 97 P.S.I. to (F) 150 P.S.I.
Final Closed In Period..... Minutes 60 (G) 909 P.S.I.
Final Hydrostatic Pressure..... (H) 1812 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

L.D Drilling
Dst 2 KC "H-I-J" (3724-3790)
Start Test Date: 2014/06/02
Final Test Date: 2014/06/02

McCune 3-18
Formation: Dst 2 KC "H-I-J" (3724-3790)
Pool: Infield
Job Number: RR042

McCune 3-18





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

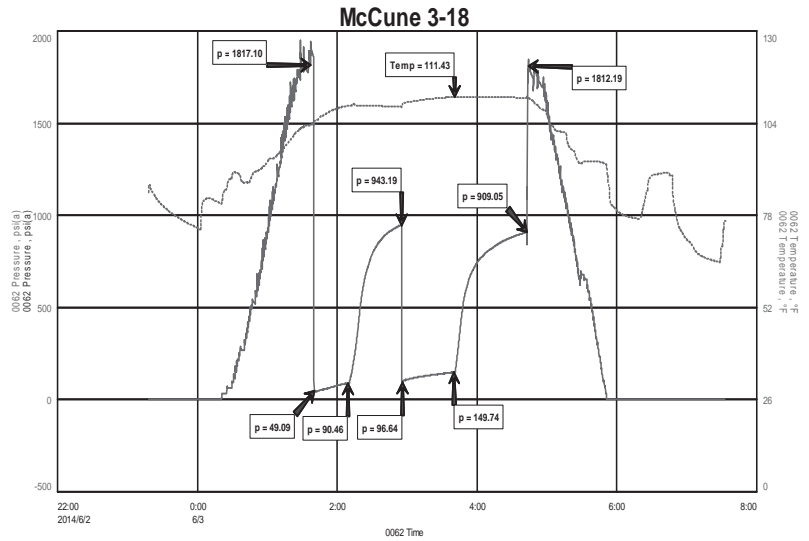
Wellsite Report

General Information

Company Name	L.D Drilling
Contact	L.D Davis
Well Operator	L.D Drilling
Well Name	McCune 3-18
Surface Location	Sec: 18-25s-12w
Field	Bunyon Northeast
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbott
Gauge Name	0062

Test Information

Job Number	RR042
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 KC "H-I-J" (3724-3790)
Start Test Date	2014/06/02 YYYY/MM/DD
Start Test Time	23:18:00 HH:mm:ss
Final Test Date	2014/06/02 YYYY/MM/DD
Final Test Time	07:32:00 HH:mm:ss



Test Results

Recovery:

64'	OC+ HWM	20% G	10% O	30% W	40% M
124'	OHWCM		14% G	6% O	60% W 20% M
124'	HOWCM		4% G	24% O	50% W 12% M

Tool Sample: 4% G 81% W 5% m

Ph: 7
 RW: .09 @ 78 Deg
 Chlorides: 50,000 PPM



Geologist's Report

Company: LD Drilling, Inc
 Lease: McCune #3-18
 Field: Bunyan Northeast
 Surface Location: SW-SW-NE-NE (1031' ENL & 1150' FEL)
 Sec: 18 Twp: 25S Rge: 12W
 County: Stafford State: Kansas
 GL: 1901' KB: 1906'

Contractor: H2 Drilling Co., Rig #1
 Spud: 5/29/15 Comp: 6/4/14
 RTD: 4290' LTD: 4289'
 Mud Up: +/- 3100' Mud Type: Chemical Displaced

Drilling Time Kept From: 3200' to RTD
 Samples Saved From: 3200' to RTD
 Samples Examined: 3200' to RTD
 Geological Supervision: 3500' to RTD
 Geologist on Well: Kurt Talbott

Surface Casing: 8 5/8" @ 232'
 Production Casing: 5 1/2" @

Wireline Logs: By Nabors: CNL/CDL, DIL

Well Comparison 25

FORMATION	MCCUNE 3-18 1906 KB		MCCUNE 2-18 1905 KB	
	Log	Log SS	Log	SS
ANHYDRITE			747	1158
BASE ANHY			761	1144
TOPEKA			3074	-1169
HEEBNER	3412	-1506	3403	-1498
TORONTO	3427	-1521	3420	-1515
DOUGLAS	3450	-1544	3441	-1536
BROWN LIME	3566	-1660	3564	-1659
LANGING	3587	-1681	3582	-1677
BASE KC	3876	-1970	3871	-1966
VIOLA	4002	-2096	4005	-2100
SIMPSON SHALE	4096	-2190	4103	-2198
ARBUCKLE	4192	-2286	4168	-2263
TOTAL DEPTH	4289	-2383	4308	-2403

ROCK TYPES

Cht	Lmst fw<7 shale, gm shale, gry	Carbon Sh shale, red Shcol
Cht vari		
Dolprim		

OTHER SYMBOLS

EVENTS

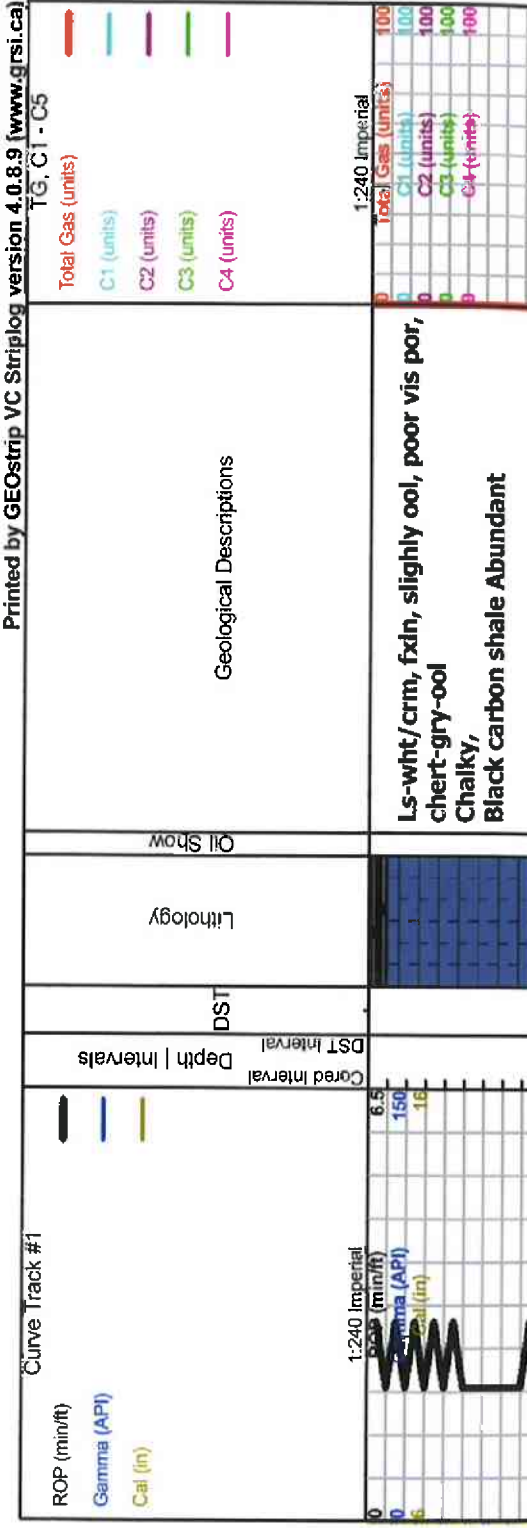
- ▲ Casing Shoe
- ▶ RTF
- ▶ Sidewall
- ▲ Left Casing Shoe
- ▼ Right Casing Shoe

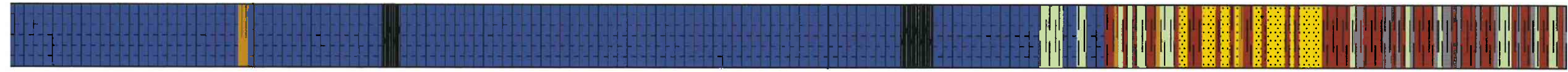
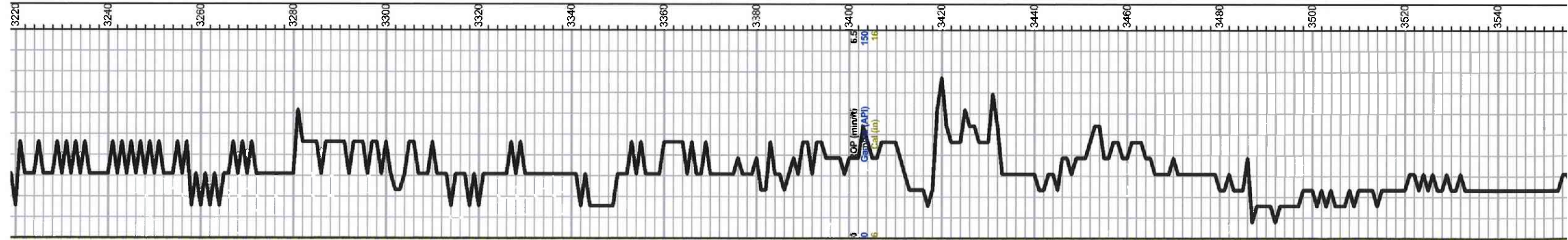
INTERVALS

- Core
- DST

DST

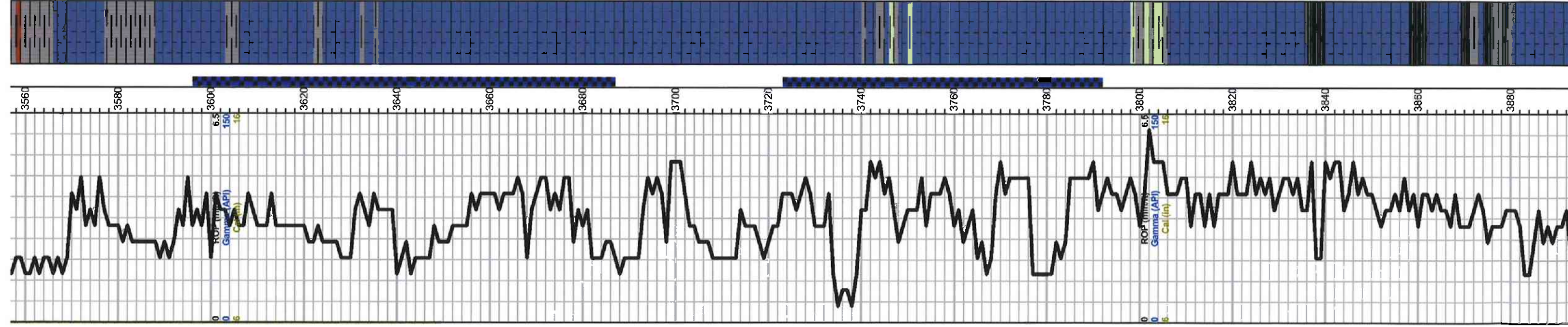
- DST Int
- DST alt





Ls-crm/tan, fxln, poor vis por, dense, chert- A/A slightly chalky
 A/A Scattered poor to fair iner xin por,
 Ls-wht/crm/tan, fxln, dense, poor vis por, few fossils/ool, chert-boney wht/tan
 A/A trace Black carbon shale
 Ls-crm/tan, fxln, few fossils/ool, poor iner xin por, no vis shows,
 Ls-tan/buff, f-med xin, few fossils, scattered poor iner xin to vug por, no vis shows, slightly chalky
 Ls-crm/tan, fxln, fossils, dense, poor vis por, chert-gry/tan
 Ls-A/A
 Ls-crm/tan, fxln, few fossils, poor scattered por, cherty in part
 Heebner 3413.0 (-1507.0) -1506.0
 Black carbon shale
 Toronto 3432.0 (-1526.0) -1521.0
 Ls-wht/lt gry, f-med xin, few fossils, poor vis por, chert-boney wht
 Douglas 3452.0 (-1546.0) -1544.0
 Shale-gry/grm/maroon
 Shale-A/A
 Sand- gry very fine to fine grained, sub ang. mostly friable, mica, poor iner gran por
 A/A
 Shale-gry/grm/maroon
 A/A plus turq.





A/A

Brown Lime 3568.0 (-1662.0) -1660.0

Ls-gry/buff, fxdn, dense, poor vis por,

Lansing 3590.0 (-1684.0) -1681.0

Ls-wht/crm, fxdn, slightly ool, poor scattered iner xln por, chalky, no vis shows

Ls-crm/wht, fxdn ool, poor ppt to iner xln por, scattered dark brown stns, TrSFO, chalky

Ls-crm/wht, fxdn, ool, dense, poor vis por

Ls-crm/tan, fxdn, ool, poor to fair oom por, dark brown stains, SFO, fair odor

Ls-crm/wht/tan, fxdn, fossils/ol, poor scattered iner xln por, dark brwn to blk stns, TrSFO

Ls-crm/tan, fxdn, ool/fossils, scattered iner ool to oom por, dark brown stains, SFO, odor

Ls-crm/tan, fxdn, ool/fossils, scattered oom por, dark brown to blacks stains, TrSFO, faint odor

Ls-crm/tan, fxdn, ool, oom por, chalky no vis shows,

Ls-crm/tan, fxdn, ool, scattered oom por, chalky, chert-tan/crm

Ls-crm/tan, fxdn, ool, oom, trace dark brown stains, TrSFO, faint odor

Ls-crm/wht, fxdn, ool/fossils, scattered iner part. por, trace stains, TrSFO, faint odor
Shale- gry/gm

Ls-crm/tan, fxdn, ool oom por, dark brown to black stains, TrSFO, faint odor,

Ls-wht/crm, fxdn, ool, oom por, golden to dark brown stains, SFO, odor

Shale-gry/brown

Ls-crm/tan, fxdn, ool, poor vis por, slightly chalky, Shale- A/A

Ls- A/A

Black carbon shale

Ls-crm/tan, fxdn, ool, dense, poor scattered sub oom por, trace spotty stains NSFO,

Ls-crm/tan, fxdn, dense, poor vis por, cherty in part Shale-gry/maroon abundant

Base KC 3881.0 (-1975.0) -1970.0

Ls and Shale A/A

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

DST #1 3596-3685
30-45-45-61
IF: BOB 45-sec
ISI: Built to 6"
FF: GTS 6 1/2 min

Recovery:
2676' Gas In Pipe
238' SCM (4g 96m)
248' OACM (20g-60-16w 58m)
186' MW (4g-92w-4m)

Pressures:
LSIP 1066 psi
FSIP 1053 psi
HFP 68-156 psi
FFP 161-283 psi
HSH 1741-1741 psi

DST #2-3724-3794
30-45-45-60
IF: BOB 1 1/2 min
ISI: No return

Recovery:
2792' Gas In Pipe
64' GOCMW
(20g 100 30w 40m)
124' GOCMW
(14g 60 60w-20m)
124' HOCMW
(4g 24e 50w-12m)

Pressures:
LSIP 943 psi
FSIP 909 psi
HFP 49-90 psi
FFP 97-150 psi
HSH 1817-1812 psi

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

Ls-crm/tan, fxln, dense, poor por
Shale- gry/gm

Kinderhook 3913.0 (-2007.0) -2007.0

Ls-tan/gry, fxln, dense, few fossils, poor
vis por, Trace spotty black stains, NSFO,
no odor

Shale- gry/brwn

A/A Chert- peach/boney wht

Chert-boney wht/tan,

Ls-crm/tan, fxln, dense, poor vis por,
cherty in part,
Chert- A/A

Viola 4000.0 (-2094.0) -2096.0

Ls-wht/crm, fxln, dense, poor vis por,
cherty in part,
Chert-boney wht/crm, scattered semi
trip, black spotty dark brown to black
stains, NSFO, no odor

Chert-boney wht/crm/tan,

A/A scattered Ls-wht/crm, fxln, dense,
poor vis por

A/A

Limestone and Chert A/A

Simpson Shale 4098.0 (-2192.0) -
2190.0

Shale-gry/gm/turq

Trace gry/lt gry fine grain sand, sub
round, poor iner gran por, mica, no vis
shows

Shale-gry/gm/maroon/turq

Shale and trace SS A/A No vis shows

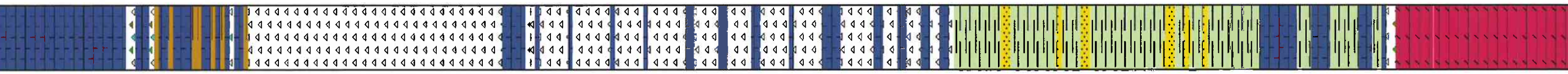
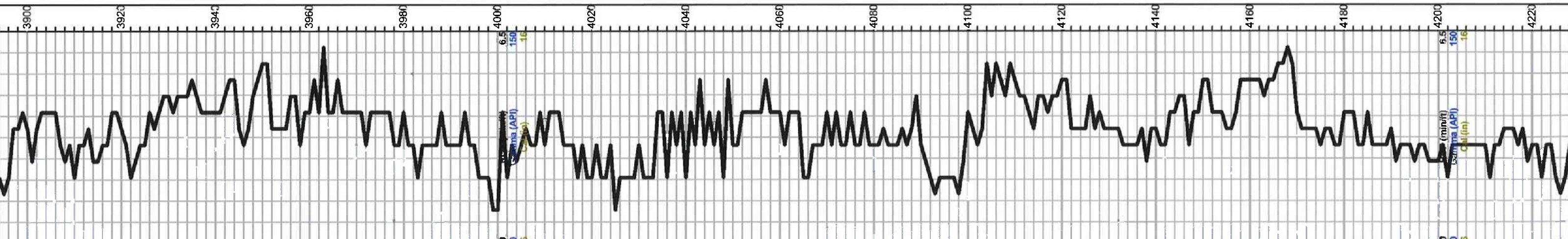
Ls-crm/tan, fxln, dense, poor vis por,
chert-tan/crm/gry

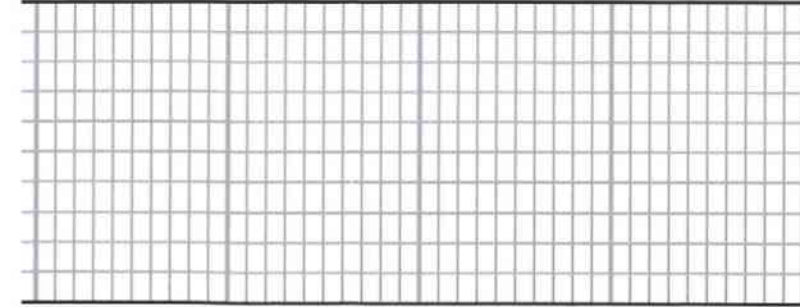
A/A

Arbuckle 4197.0 (-2291.0) -2286.0

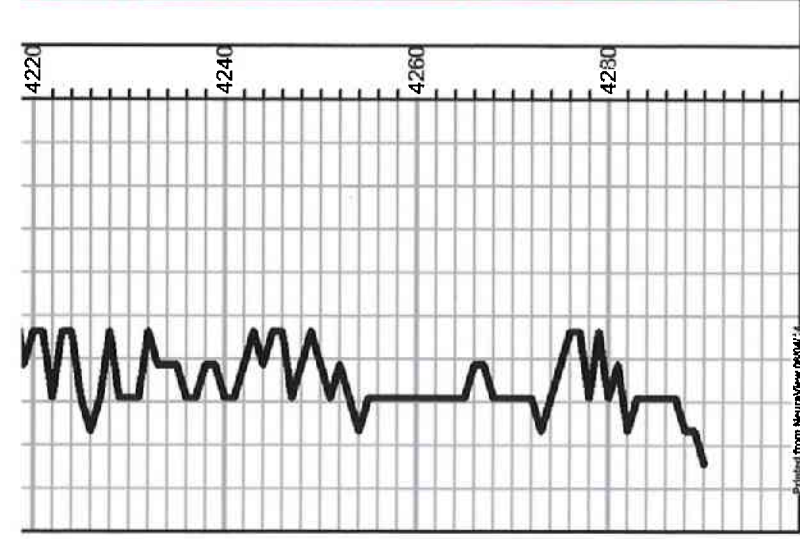
Dol- crm/lt gry/wht, fine to few med
rhomb xln, poor vis por, dense, chert-
boney wht/crm abundant

A/A





A/A
Dol-whit/lt gry, fxln, dense, poor vis por, chert A/A slightly chalky
A/A
Dol-gry/wht, fine to few med xln, scattered rhomb, scattered iner xln por, dense, slightly chalky
Total Depth 4290.0 (-2384.0) -2383.0





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 10434 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-8-14 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER LD Drilling Inc		LEASE M. Cune OWWO WELL NO. 4-18						
ADDRESS		COUNTY STAFFORD STATE KC						
CITY STATE		SERVICE CREW MATTHEW GRAY Phyl						
AUTHORIZED BY		JOB TYPE: CAW 1000 STIM						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 6-8-14 DATE	AM	TIME
37580	.5						PM	8:00
						ARRIVED AT JOB	AM	12:15
						START OPERATION	AM	2:46
27463	.5					FINISH OPERATION	AM	3:15
19960/21010	.5					RELEASED	AM	4:00
						MILES FROM STATION TO WELL		20

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: **X L.D. Davis By D Scott**
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP104	50/50 P02	SW	250		2750 00
CP104	60/50 P02	SW	30		330 00
CC103	COLLOIDAL	LB	70		259 00
CC113	5YPSUM	LB	1180		885 00
CC129	FIB 322	LB	118		885 00
CC201	GILSONITE	LB	1680		1,125 60
C700	K&L POPAGUM Chloride	LB	636		954 00
CF607	ATCH DOWN Plug + BATH 5 1/2	EA	1		400 00
CF1001	SM SHOT PAPER TYPE 5 1/2	EA	1		3,700 00
CF1651	74601000 5 1/2	EA	8		880 00
CF1901	BASKET 5 1/2	EA	1		290 00
CC151	MUD FLASH	SAI	6000		1,500 00
E100	P. U. MFR	M1	20		85 00
E101	Heavy eq. MFR	M1	40		280 00
E113	PROP. GUID DEL.	MT	236		519 20
CC205	DEPTA CHARGE 4wt-5000	4WT	1		2,520 00
CC240	BLEND + M. C. CHARGE	SA	280		392 00
CC304	PLUG COMPACT	500	1		250 00
5003	SERVICE SUPPLIES	EA	1		175 00

SUB TOTAL **13,816 65**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Mike Mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X L.D. Davis By D Scott (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer LD Drilling inc	Lease No.	Date 6-8-14
Lease M. C. H. O. W. W. O.	Well # 4-18	
Field Order # 10434	Station	Casing 5 1/2 Depth 4403.56 County STAFFORD State Ks
Type Job CAW LONG STRIPS	Formation	Legal Description 18-25-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 280 SWS 50/50 POZ	RATE	PRESS	ISIP	
Depth 4403.56	Depth	From	To	Pre Pad 5% KCl	Max 6 #	5% KCl	5% KCl	5% KCl
Volume 124.8	Volume	From	To	Pad	Min			10 Min.
Max Press 1300	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 4341.02	Packer Depth	From	To	Flush 104	Gas Volume			Total Load

Customer Representative **LD** Station Manager **Kevin Gurdley** Treater **MIKE MARSH**

Service Units 37586	27463	19960	21010					
Driver Names MARSH	GRAY	PH	YE					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:15					ON location / Safety meeting
12:15					Run 5 5 1/2 15.5" casing, BASKET ON 5405
					Tubing on 1, 3, 5, 7, 9, 11, 13, 15
1:35					CASING ON BOTTOM
1:45					Hook up to casing / Break circ with key
2:25	900		12	2	INITIAL PACK SHOW
2:25	350		3	4	PUMP 3 BBL WATER
2:26	350		24	4	PUMP 24 BBL AND FLUSH
2:30	350		5	4	PUMP 5 BBL WATER
2:35	400		60	6	MIX 250 SWS 50/50 POZ
2:45			4	3	WASH PUMP + LINE, release plug
2:47	150			6	START ASPHERIC
3:00	300		65	5.5	LIFT PRESSURE
3:05	600		95	3	SLOW RATE
3:07	1300		104		Plug down, release + hold
3:15			7		Plug RAT hold
					CIRCULATION then job
					JOB COMPLETE
					Thank You!
					MIKE MARSH