



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1217964
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: _____

1217964

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CHISHOLM 2
Doc ID	1217964

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	24	362	A-CONN	150	3%CC,1/4 #CellFlake
SURFACE - CONT	12.25	8.625	24	362	COMMON	150	2%CC,1/4 #CF
1"	12.25	8.625	24	362	COMMON	150	
PRODUC TION	7.875	5.5	15.5	3453	COMMON	180	10%Salt,5 #Gilsonite



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: CHISOLM2DST1

ON LOCATION: 01:00
START RECORDERS: 04:37
STOP RECORDERS: 12:10

Company LD DRILLING, INC Lease & Well No. CHISOLM #2
Contractor PETROMARK #2 Charge to LD DRILLING, INC.
Elevation 1793' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. F284
Date 6-26-14 Sec. 12 Twp. 203 Range 12 W County BARTON State KANSAS
Test Approved By KURT TALBOTT Diamond Representative JAKE FAHRENBRUCH

Formation Test No. ONE Interval Tested from 3319 ft to 3352 ft. Total Depth 3352 ft.
Packer Depth 3314 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3319 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3305 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3320 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5500 P.P.M. Drill Pipe Length 3172 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 33 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: SURFACE BLOW, INC TO 44" IN 20MIN, BLOW DIED.
2nd Open: NO BLOW, FLUSH TOOL, SURFACE BLOW, INC TO 1/2"

Recovered 20 ft. of SOCM 4' 0, 96' M
Recovered _____ ft. of TOOL SAMPLE: HOCM 26' 0, 74' M

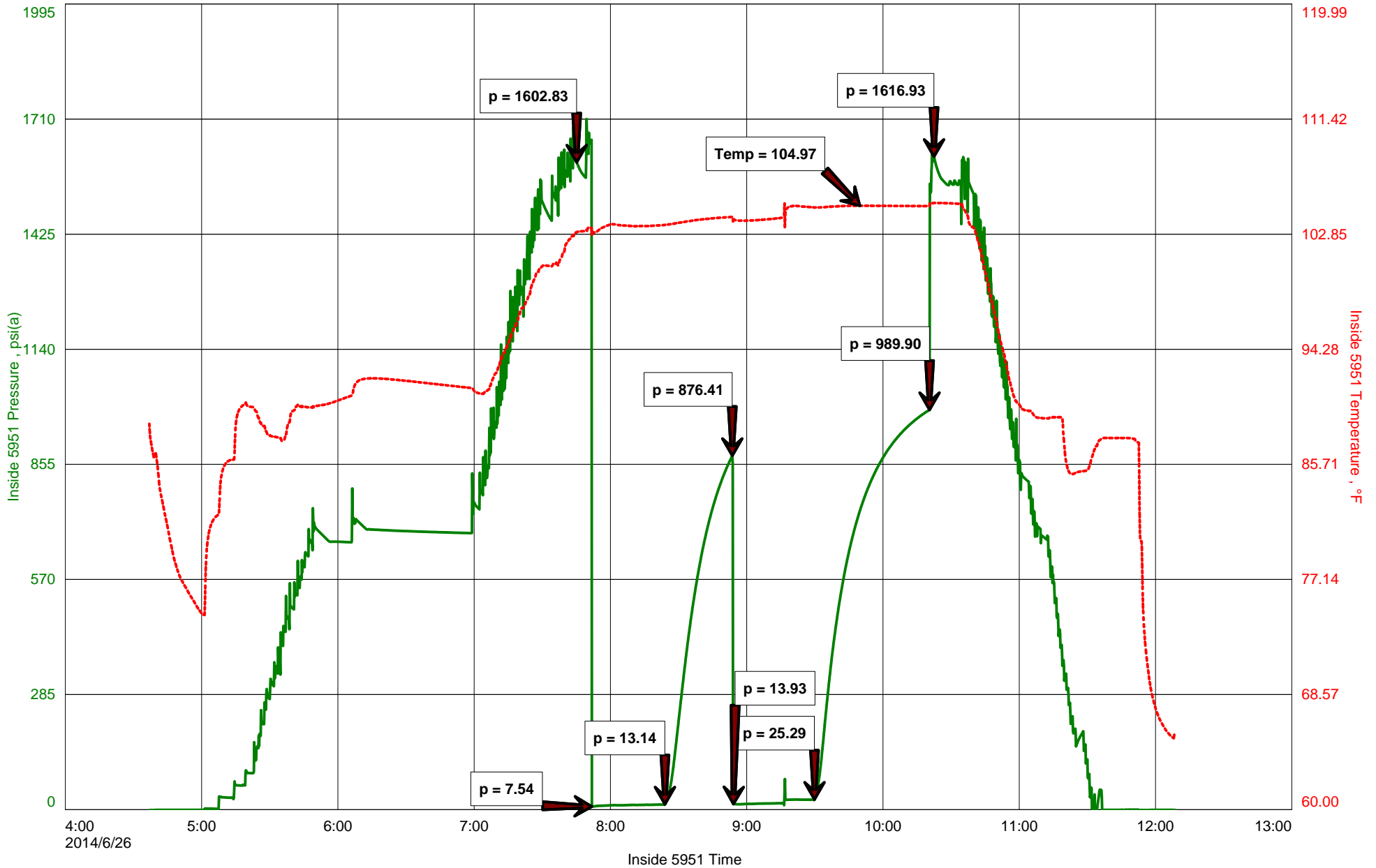
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	<u>112 MRT (PRAT)</u>
Remarks: _____	Total

Time Set Packer(s) 7:53 ^{A.M.} Time Started Off Bottom 10:08 ^{A.M.} Maximum Temperature 105F

Initial Hydrostatic Pressure..... (A) 1603 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 876 P.S.I.
Final Flow Period..... Minutes 30 (E) 14 P.S.I. to (F) 25 P.S.I.
Final Closed In Period..... Minutes 45 (G) 990 P.S.I. THANKS!
Final Hydrostatic Pressure..... (H) 1617 P.S.I. Jacob Schmale

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Chisolm #2





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	LD Drilling, Inc	Well Name	Chisolm #2
Well Operator	LD Drilling, Inc	Unique Well ID	DST #1 Arbuckle 3319'-3352'
Contact	LD Davis	Surface Location	Sec 12-20s-12w-Barton Co.-KS
Site Contact	Kurt Talbott	Test Unit	#5
Field		Pool	
Well Type	Vertical	Job Number	F284
Prepared By	Jake Fahrenbruch	Qualified By	Kurt Talbott

Test Information

Test Type	Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3319'-3352'	Gauge Name	Inside 5951
Start Test Date	2014/06/26	Start Test Time	04:37:00
Final Test Date	2014/06/26	Final Test Time	12:10:00

Test Results

Recovered: 20' SOCM 4%o,96%m
TOOL SAMPLE: HOCM 26%o,74%m



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: CHISOLM2572

ON LOCATION: STAYED ON LOC
START RECORDERS: 17:52
STOP RECORDERS: 01:10 6-27

Company LD DRILLING, INC Lease & Well No. CHISOLM #2
Contractor PETROMARK #2 Charge to LD DRILLING, INC
Elevation 1793' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. F285
Date 6-26-14 Sec. 12 Twp. 20S Range 12W County BARRON State KS
Test Approved By KURT TALBOTT Diamond Representative JAKE FAHRENBRUCH

Formation Test No. TWO Interval Tested from 3319 ft. to 3362 ft. Total Depth 3362 ft.
Packer Depth 3314 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3319 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3305 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3323 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.1 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 7500 P.P.M. Drill Pipe Length 3172 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 43 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" STB, 2" PF, 1" CO, 3" DP, 1" CO, 7" PF Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO 10" IN BUCKET. NO BLOWBACK.
2nd Open: BLOW INCREASED TO B.O.B. IN 35 MIN. NO BLOW BACK.

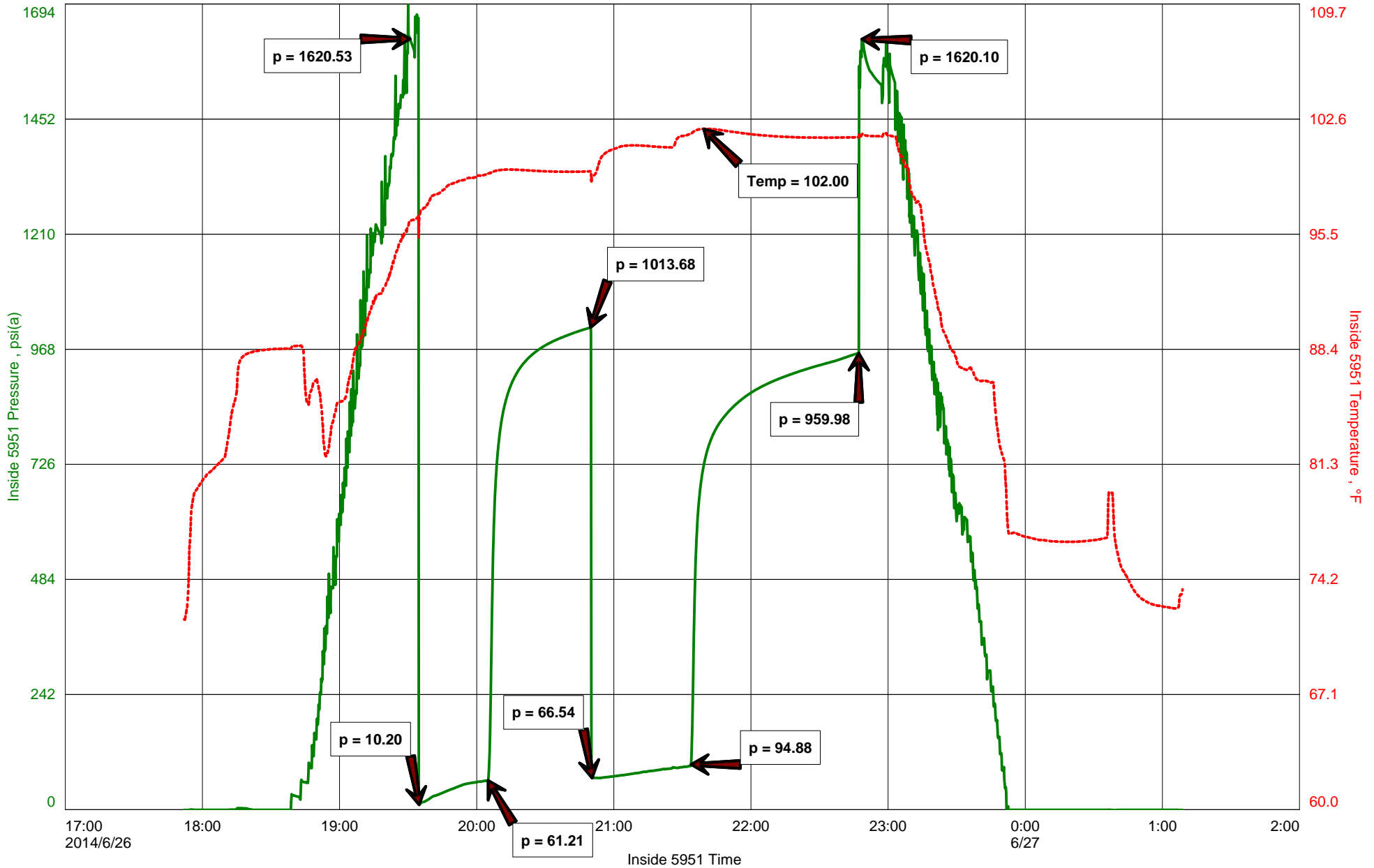
Recovered 120 ft. of FREE OIL 100" O
Recovered 95 ft. of SGC OCM 5' G, 15' O, 80" M
Recovered _____ ft. of _____
Recovered _____ ft. of 35 1/2 GRAVITY OIL (CORRECTED TO 60°F)
Recovered _____ ft. of _____ Price Job _____
Recovered _____ ft. of _____ Other Charges _____
Remarks: 215' TOTAL RECOVERED FLUID NO MISLEAGE
TOOL SAMPLE: MUDDY OIL 80" O, 20" M
Total _____

Time Set Packer(s) 7:35 PM Time Started Off Bottom 10:35 PM Maximum Temperature 102°F

Initial Hydrostatic Pressure..... (A) 1621 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 61 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1014 P.S.I.
Final Flow Period..... Minutes 45 (E) 67 P.S.I. to (F) 95 P.S.I.
Final Closed In Period..... Minutes 60 (G) 960 P.S.I. THANKS
Final Hydrostatic Pressure..... (H) 1620 P.S.I. Jake Fahrenbruch

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Chisolm #2





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	LD Drilling, Inc	Well Name	Chisolm #2
Well Operator	LD Drilling, Inc	Unique Well ID	DST #2 Arbuckle 3319'-3362'
Contact	LD Davis	Surface Location	Sec 12-20s-12w-Barton Co.-KS
Site Contact	Kurt Talbott	Test Unit	#5
Field		Pool	
Well Type	Vertical	Job Number	F285
Prepared By	Jake Fahrenbruch	Qualified By	Kurt Talbott

Test Information

Test Type	Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3319'-3362'	Gauge Name	Inside 5951
Start Test Date	2014/06/26	Start Test Time	17:52:00
Final Test Date	2014/06/27	Final Test Time	01:10:00

Test Results

Recovered:	215' Total Fluid
120'	FREE OIL 100%o
95'	SGC OCM 5%g, 15%o, 80%m
-----	Tool Sample: MUDDY OIL 80%o, 20%m
-----	35.5 gravity oil (corrected to 60 Deg F)



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Geologist's Report

Company: LD Drilling, Inc

Lease: Chisholm #2

Field: Chase-Silica

Surface Location: N/2- N/2- NE (330' FNL & 1320' FEL)

Sec: 12 Twp: 20S Rge: 12W

County: Barton State: Kansas

GL: 1786' KB: 1791'

Contractor: Petromark Drilling Co Rig #2

Spud: 6/20/14 Comp: 6/27/14

RTD: 3460' LTD: 341'

Mud Up: +/- 2700' Mud Type: Chemical Displaced

Drilling Time Kept From: 2800' to RTD

Samples Saved From: 2800' to RTD

Samples Examined: 2800' to RTD

Geological Supervision: 2900' to RTD

Geologist on Well: Jim Musgrove and Kurt Talbott

Surface Casing: 8 5/8"@ 225'

Production Casing: 5 1/2" @

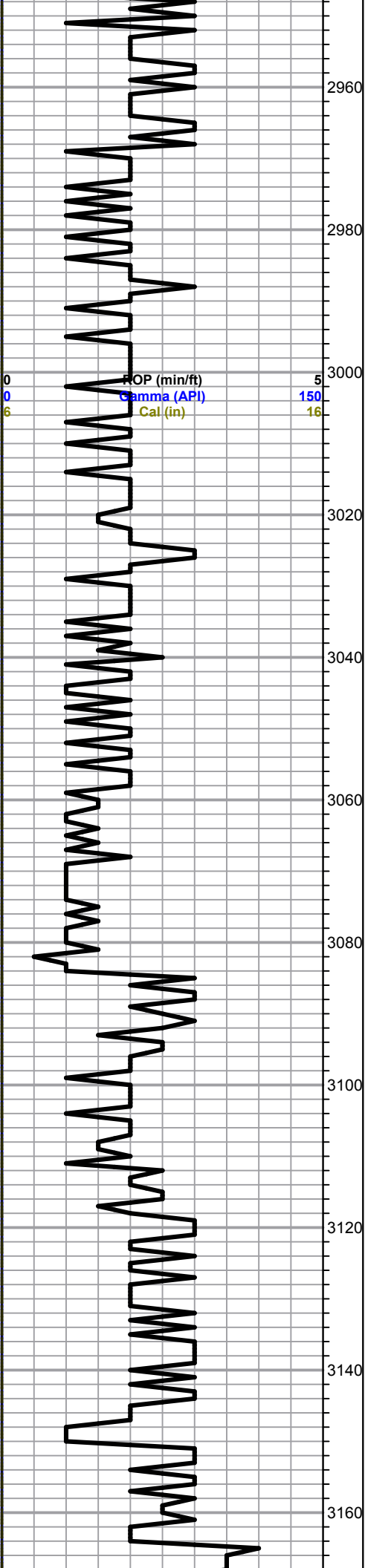
Wireline Logs: By Nabors: CNL/CDL, DIL, MEL

Well Comparison 25

	LD DRILLING		CHISHOLM #1	
	CHISHOLM #2		1791 KB	
	Log	Log SS	SAMPLE	SS
FORMATION				
HEEBNER	2963	-1172	2948	-1157
BROWN LIME	3088	-1297	3070	-1279
LANSING	3106	-1315	3088	-1297
BASE KC			3310	-1519
ARBUCKLE	3348	-1557	3328	-1537
TOTAL DEPTH	3461	-1670	3338	-1547

ROCK TYPES

 Dolprim
  shale, grn
  Carbon Sh



Heebner 2961.0 (-1170.0) -1172.0

Black carbon shale

Toronto 2979.0 (0.0) 0.0

Ls-tan, fxln, few fossils, poorly developed por, no vis shows, Trace wht chalky Ls, Scattered ppt to vug por, blk dead stains NSFO no odor

Shale-gry/grn, slightly silty,

A/A trace very fine grained sand, mica, poorly developed

Shale-gry/dark gry

A/A

Brown Lime 3085.0 (-1294.0) - 1297.0

Ls-tan, fxln, few fossils, poor vis por, cherty in part, dense

Lansing 3104.0 (-1313.0) -1315.0

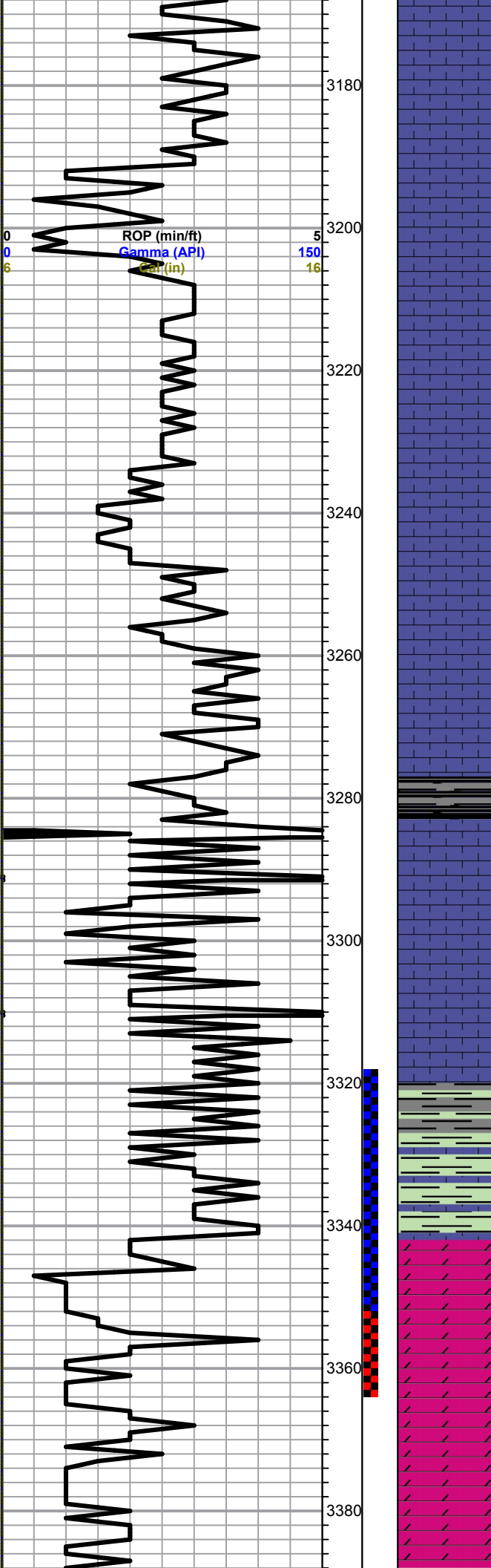
Ls-wht/gry, fxln, chalky, poor vis por, trace black stains, NSFO, faint odor

Ls-tan/lt gry, fxln, ool, dense, poor vis por, slightly cherty, slightly chalky

Ls-tan, fxln, ool/fossils, poor scattered iner xln to finely vug por, trace spotty stains, NSFO, chalky

Ls-crm/tan, fxln, ool/fossils, scattered ppt pot, trace stpott stains, NSFO, chalky

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



A/A

Ls-crm/wht/ light gry, fxln, ool/oom, trace dark brown to black stains, NSFO, slightly chalky

Ls-crm/tan, fxln, ool, dense, scattered ppt por, cherty in part, slightly chalky

A/A

Ls-crm/wht/tan, fxln, ool, poor iner ool to finely vug por, trace spotty stains, NSFO, chalky

Ls-crm/lt gry, fxln, ool/fossils, poor vis por

A/A

Shale-gry/black

Ls-tan/lt gry, fxln, ool, poo riner ool to sub oom por, chalky, Trace dark brown to black stains, NSFO

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

A/A Shale-gry/grn

A/A Chert varying

Arbuckle 3346.0 (-1555.0) -1557.0

Dol-crm/wht, f-med xln, few rhomb, golden to dark brown stains, SFO, fair iner xln to vug por, good odor

Dol-crm/tan, f-med xln, dense, fair iner xln to vug por, trace stains, SFO, faint odor

Dol-crm/tan, fxln, few med rhomb xln, cherty, poor scattered por, scattered stains, TrSFO, faint odor

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

DST #1 3319-3352
30-30-30-45
IF: 1/4" blow

Recovery:
20' SOCM
(4% oil 96% mud)

Pressures:

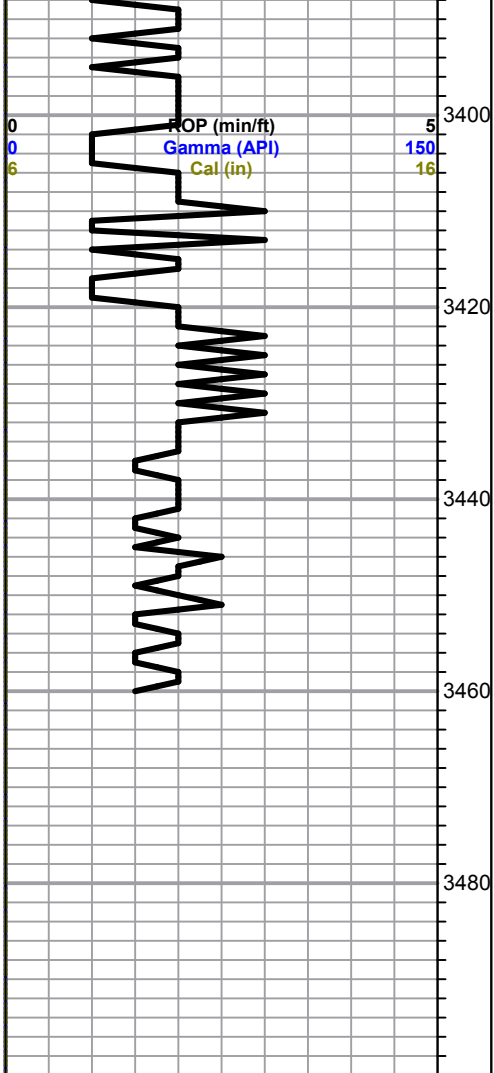
ISIP	876 psi
FSIP	990 psi
IFP	8-13 psi
FFP	14-25 psi
HSH	1603-1617 psi

DST #2 3319-3362
30-45-45-60
IF: Built to 10 inches
No return

Recovery:
120' Free Oil
95' OCM (5g 15o 80 m)

Pressures:

ISIP	1014 psi
FSIP	960 psi
IFP	10-61 psi
FFP	67-95 psi
HSH	1621-1620 psi



Dol-crm/tan, fxln, few med xln, slightly sucrosic, fair iner xln por, trace brown stains, TrSFO, fair odor

Dol-crm/tan, f-med rhomb xln, iner xln to finel vug por, dark brown stains, SFO, fair odor, chert-boney wht/crm

Dol-crm/tan, f-med xln, poor scattered por, dark brown to black stains, Weak SFO, faint odor

Dol-crm/tan, f-med xln, scattered iner xln por, black stains, NSFO, faint odor, chert-boney wht/crm

Dol-crm/tan, fxln, dense, no vis shows

Total Depth 3460.0 (-1669.0) - 1670.0

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



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 11007 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-27-14	DISTRICT: Pratt, KS	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: CHRISTOLWA	WELL NO. 2							
ADDRESS:	COUNTY: Barton	STATE: KS							
CITY:	STATE:	SERVICE CREW: Darin, McGraw, Josh, Scotty							
AUTHORIZED BY:	JOB TYPE: CNW/ Long String								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27283	1						6-27	AM	8:00
77686	1					ARRIVED AT JOB	6-27	AM	8:00
29905	1					START OPERATION	6-27	AM	11:30
19960	1					FINISH OPERATION	6-28	PM	12:30
21010	1					RELEASED	6-28	AM	1:30
						MILES FROM STATION TO WELL			51

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP1006	Common Cement	SK	150		2,400 00
CP103	60/40 Poz	SK	30		360 00
CC111	SSIT	Lb	617		308 50
CC130	C-51	Lb	29		725 00
CC201	Gilsonite	Lb	750		502 50
CF607	Latch Down Plug & Baffle, 5 1/2 (Blue)	ES	1		400 00
CF1251	Auto Fill Float Shoe 5 1/2 (Blue)	ES	1		360 00
CF1651	Turbolizers 5 1/2 (Blue)	ES	6		660 00
CF1901	5 1/2" Basket (Blue)	ES	1		290 00
CF2001	Cement Scrappers Cable Type, 5 1/2	ES	5		375 00
C704	Clymax KCL Substitute	GSI	4		140 00
CG151	Mud Flush	GSI	1,000		1,500 00
E100	Unit Mileage Charge - Pickup	Mi	55		233 75
E101	Heavy Equipment Mileage	Mi	110		770 00
E113	Bulk Delivery	Ton	459		1,010 35
CE204	Depth Charge 3001-4000	Whis	1		2,160 00
CE240	Blenders & Mixers Service Charge	SK	180		252 00
CE504	Plus Container Utilization Charge	Job	1		250 00
S003	Service Supervisor, first & his on log	ES	1		175 00
SUB TOTAL					9,782 80

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: Doris Frank	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Skiloh
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD Drilling, Inc	Lease No.	Date 6-27-2014	
Lease Chisholm	Well # 2		
Field Order # 11007	Station Prs & 1, KS	Casing 5 1/2	Depth 3453
Type Job CNU/Logging	Formation TD-3460	County Barton	State KS
		Legal Description 12-20-12	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2				Pre Pad	Max		5 Min.	
Depth 3453	Depth	From	To	Pad	Min		10 Min.	
Volume 82	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth 3444	Packer Depth	From	To					

Customer Representative Shiloh	Station Manager Kevin Gorder	Treater Darin Franklin
--	--	----------------------------------

Service Units	27283	7686	19905	19960	21010				
Driver Names	Darin	McGrew	McGrew	Josh	Josh				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00am					on location / safety meeting
					pipe on bottom & basic circulation
11:30am	300		5	5	5 bbls water
	300		24	5	24 bbls Flush
	300		5	5	5 bbls water
	400		33	5	mix 150sp common cement - 10% SSC + .2% WCB-1, 5# G. Isonite
					Shut down
					wash pump & lines
					Release Plug
	200		0	6	Start Displacement
	500		54	6	LiP Pressure
	500		72	3	Slow Rate
11:59	1300		80	3	Bump Plug
					Float die
	100		7	3	Plug Rest hole
					Wash up
12:30pm					Job complete / Darin & crew
					Thank you!!



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 10889 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-22-14 DISTRICT _____		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 L.D. Drilling Inc.		LEASE Chisholm WELL NO. 2							
ADDRESS _____		COUNTY Barton STATE KS							
CITY _____ STATE _____		SERVICE CREW Pratt Cement							
AUTHORIZED BY LD		JOB TYPE: 357' 8 5/8 Surface CWL							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37900	11.25								
70890	21010	11.25				ARRIVED AT JOB	6-22-14	PM	2:35
19889	19815	11.25				START OPERATION	6-22-14	PM	6:32
						FINISH OPERATION	6-22-14	PM	11:36
						RELEASED	6-22-14	AM	12:15
						MILES FROM STATION TO WELL _____			

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:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	Acron Blend Common	SK	150		2700.00
CP100C	Common Cement	SK	150		2400.00
CC102	Celloflake	lb	75		277.50
CC109	Calcium Chloride	lb	705		2401.25
CE153	Wooden Cement Plug 8 5/8	EA	1		1600.00
E100	Mileage Charge Pickup vans car	MI	55		232.75
E101	Heavy Equipment Mileage	MI	165		1155.00
E113	Prop + Bulk Delivery Ton mile	TonMI	1163		2549.15
CE200	Depth Charge 0-500'	4hrs	1		1000.00
CE240	Blending + Mixing Charge	SK	450		630.00
CE504	Plug Container Utilization	Job	1		250.00
5005	Service Supervisor first 8 hrs	EA	1		175.00
CP100C	Common Cement	SK	150		2400.00
CC109	Calcium Chloride	lb	160		168.00

SUB TOTAL **11,284.97**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE **SCOTT GAVES**

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer <i>LD Drilling Inc</i>	Lease No.	Date <i>6-22-14</i>
Lease <i>Christholm #122</i>	Well # <i>2</i>	
Field Order # <i>10889</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>357</i>
Type Job <i>357' 8 5/8" Surface pipe</i>	Formation	Legal Description <i>12-20-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>357</i>	Depth	From	To	Pre Pad	Max <i>6</i>	<i>200</i>	5 Min.	
Volume <i>22.28</i>	Volume	From	To	Pad	Min <i>1</i>	<i>0</i>	10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg <i>5.5</i>	<i>100</i>	15 Min.	
Well Connection <i>8 7/8</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>D.SP 21 bbls</i>	Gas Volume		Total Load	

Customer Representative <i>LD</i>	Station Manager <i>Kevin Gordly</i>	Treater <i>SCOTT</i>
Service Units <i>37900</i>	<i>20890</i>	<i>19809</i>
Driver Names <i>Scott</i>	<i>Josh</i>	<i>19843</i>

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>2:35</i>					<i>On Location Safety Meeting Rig up</i>
<i>5:28</i>					<i>Circulate well</i>
<i>6:32</i>	<i>Ø</i>		<i>35</i>	<i>5.6</i>	<i>Pump 79 SKS Acen cement (12ppg)</i>
<i>6:41</i>	<i>Ø</i>		<i>Ø</i>		<i>shut down Raise casing</i>
<i>7:01</i>	<i>Ø</i>		<i>31.2</i>	<i>5.8</i>	<i>Pump 71 SKS Acen cement (12ppg)</i>
<i>7:09</i>	<i>Ø</i>		<i>32</i>	<i>5.6</i>	<i>start pumping 150 SKS commond 5.6 ppg</i>
<i>7:11</i>	<i>Ø</i>		<i>Ø</i>		<i>Drop plug</i>
<i>7:13</i>	<i>200</i>		<i>21</i>	<i>6</i>	<i>Start Displacement</i>
<i>7:24</i>					<i>Shut Down</i>
<i>10:55</i>					<i>Did not Circulate to surface</i>
<i>10:55</i>	<i>Ø</i>		<i>41</i>	<i>1</i>	<i>Pumped 150 SK thru 1" to surface</i>
<i>11:36</i>					<i>shut down Job complete</i>