



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1313449
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: _____

1313449

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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	BAIRD 1-30
Doc ID	1313449

Tops

Name	Top	Datum
ANHYDRITE	2886	+391
BASE ANHYDRITE	2923	+354
WAB., STOLER	3788	-511
HEEBNER	4095	-818
LANSING	4144	-867
BASE KANSAS CITY	4398	-1121
PAWNEE	4516	-1239
FORT SCOTT	4580	-1303
CHEROKEE	4611	-1334
MISSISSIPPI	4756	-1479



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Baird 1-30 Dst 1

TIME ON: 04:00
 TIME OFF: 11:54

Company LD Drilling Inc Lease & Well No. Baird 1-30
 Contractor L.D Drilling Inc Charge to L.D Drilling Inc
 Elevation 3277 KB Formation Wabaunsee Effective Pay _____ Ft. Ticket No. RR225
 Date 05/18/2016 Sec. 30 Twp. 6 S Range 35 W County Thomas State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 3789 ft. to 3865 ft. Total Depth 3865 ft.
 Packer Depth 3784 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3789 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3777 ft. Recorder Number 0062 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3857 ft. Recorder Number 8471 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 56 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 7.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 4000 P.P.M. Drill Pipe Length 3757 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? na Reversed Out NA Anchor Length 76A (13P) 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: WSB (Built to 1 1/4" in 30 mins) NOBB
 2nd Open: No Blow (Built to 1 1/4" in 45 mins) NOBB

Recovered 10 ft. of O 100% O 29 Gravity @ 60 Deg
 Recovered 20 ft. of SLO w/ HM 2% O 98% M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

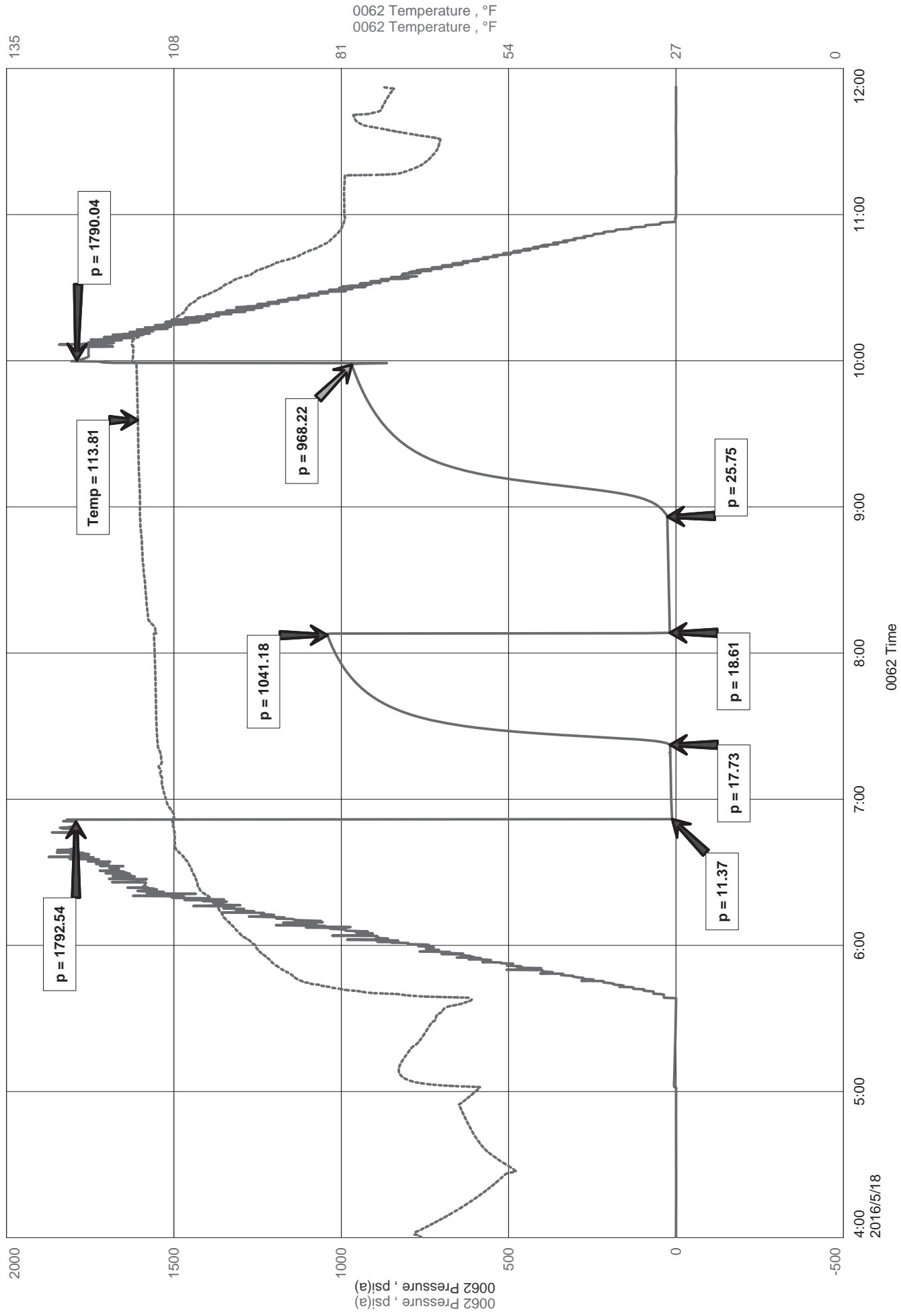
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: Tool Sample: <u>15% O</u> <u>85% M</u>	Insurance
	Total

Time Set Packer(s) 6:50 AM A.M. P.M. Time Started Off Bottom 9:50 AM A.M. P.M. Maximum Temperature 114

Initial Hydrostatic Pressure..... (A) 1793 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 18 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1041 P.S.I.
 Final Flow Period..... Minutes 45 (E) 19 P.S.I. to (F) 26 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 968 P.S.I.
 Final Hydrostatic Pressure..... (H) 1790 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.

Baird 1-30





Diamond Testing LLC
 P.O. Box 157
 Hoisington KS 67544

Ricky Ray - Tester
(620) 617-7261

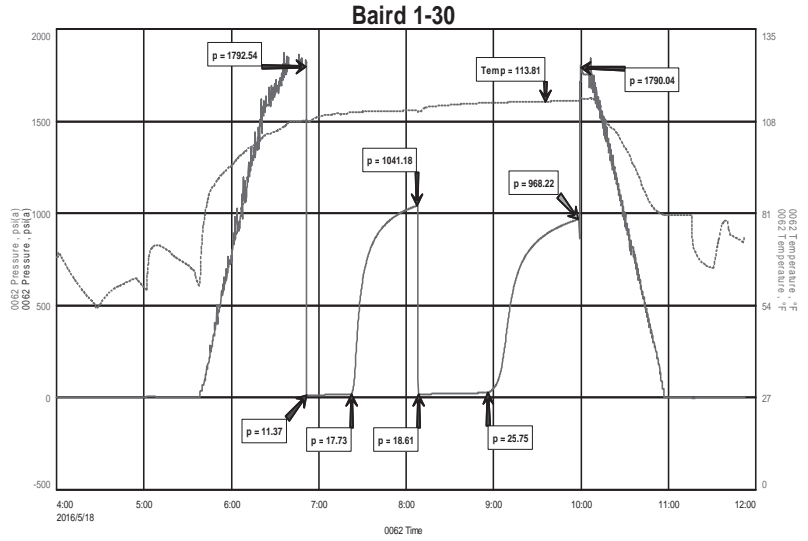
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Davis
Well Name	Baird 1-30
Surface Location	Sec: 30-6s-35w (Thomas County)
Field	Na
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

Test Information

Job Number	RR225
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 (3789-3865) Wabaunsee
Start Test Date	2016/05/18 YYYY/MM/DD
Start Test Time	04:00:00 HH:mm:ss
Final Test Date	2016/05/18 YYYY/MM/DD
Final Test Time	11:54:00 HH:mm:ss



Test Results

Recovery:

10'	O	100% O	29 Gravity @ 60 Deg
20'	SLO w/ HM	2% O	98% M

Tool Sample: 15% O 85% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Baird 1-30 Dst 2

TIME ON: 06:16
TIME OFF: 17:35

Company LD Drilling Inc Lease & Well No. Baird 1-30
Contractor L.D Drilling Inc Charge to L.D Drilling Inc
Elevation 3277 KB Formation Wabaunsee Effective Pay _____ Ft. Ticket No. RR226
Date 05/20/2016 Sec. 30 Twp. 6 S Range 35 W County Thomas State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Ricky Ray

Formation Test No. 2 Interval Tested from 4396 ft. to 4485 ft. Total Depth 4485 ft.
Packer Depth 4391 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4396 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4384 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4464 ft. Recorder Number 8471 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 4400 P.P.M. Drill Pipe Length 4364 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 12 Test Tool Length 32 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) BBBB
2nd Open: 1/2" Blow (BOB in 1 1/4 mins) 2 1/4" BB

Recovered 3728 ft. of O 100% O 38 Gravity @ 60 Deg
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: Tool Sample: 50% O 50% M

	Price Job
	Other Charges
	Insurance
	Total

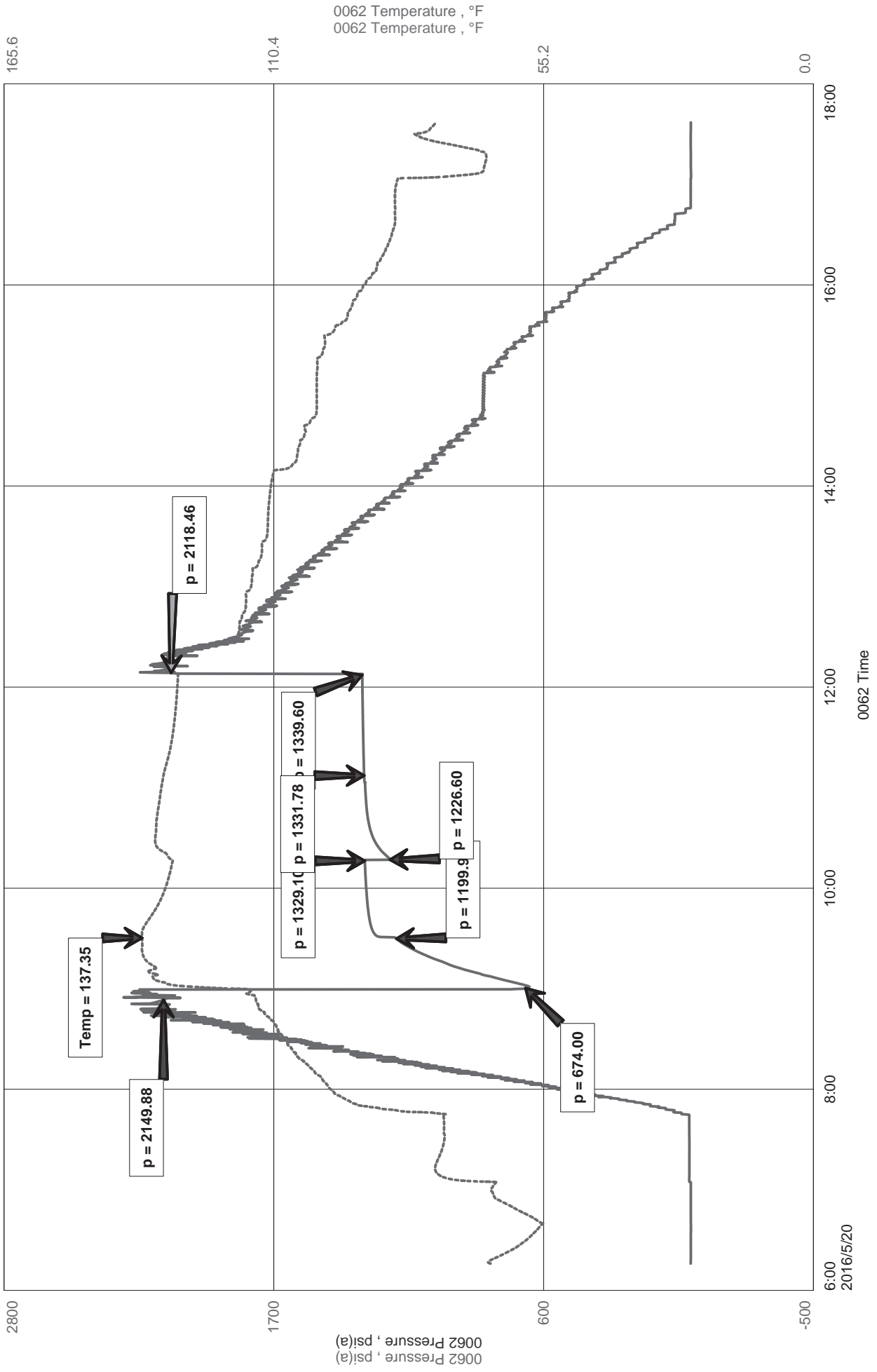
Time Set Packer(s) 8:56 AM A.M. P.M. Time Started Off Bottom 11:56 AM A.M. P.M. Maximum Temperature 137
Initial Hydrostatic Pressure..... (A) 2150 P.S.I.
Initial Flow Period..... Minutes 30 (B) 674 P.S.I. to (C) 1200 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1329 P.S.I.
Final Flow Period..... Minutes 45 (E) 1227 P.S.I. to (F) 1332 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1340 P.S.I.
Final Hydrostatic Pressure..... (H) 2118 P.S.I.

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L.D Drilling Inc
Dst 2 (4396-4485) Marmaton
Start Test Date: 2016/05/20
Final Test Date: 2016/05/20

Baird 1-30
Formation: Dst 2 (4396-4485) Marmaton
Pool: Infield
Job Number: RR2226

Baird 1-30





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

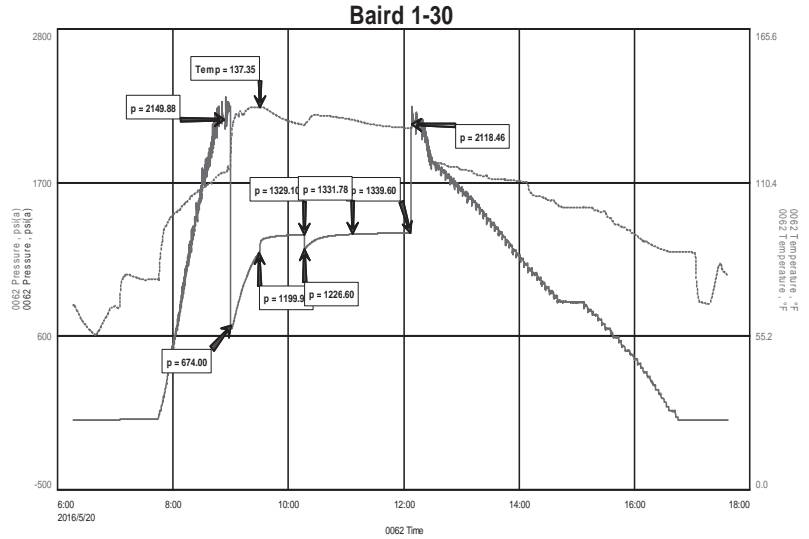
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Baird 1-30
Surface Location	Sec: 30-6s-35w (Thomas County)
Field	NA
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

Test Information

Job Number	RR226
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Marmaton
Start Test Date	2016/05/20 YYYY/MM/DD
Start Test Time	06:16:00 HH:mm:ss
Final Test Date	2016/05/20 YYYY/MM/DD
Final Test Time	17:35:00 HH:mm:ss



Test Results

Recovery:

3728' 0 100% O 38 Gravity @ 60 Deg

Tool Sample: 50% O 50% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Baird 1-30 Dst 3

TIME ON: 03:34
TIME OFF: 10:49

Company LD Drilling Inc Lease & Well No. Baird 1-30
Contractor L.D Drilling Inc Charge to L.D Drilling Inc
Elevation 3277 KB Formation Pawnee Effective Pay _____ Ft. Ticket No. RR227
Date 05/21/2016 Sec. 30 Twp. _____ 6 S Range _____ 35 W County _____ Thomas State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Ricky Ray

Formation Test No. 3 Interval Tested from 4490 ft. to 4548 ft. Total Depth 4548 ft.
Packer Depth 4485 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4490 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4478 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4527 ft. Recorder Number 8471 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 59 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 4800 P.P.M. Drill Pipe Length 4458 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? na Reversed Out NA Anchor Length 58A(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: 1/4" Blow (Built to 3 1/4" in 30 mins) NOBB
2nd Open: 1/4" Blow (Built to 3" in 30 mins) NOBB

Recovered <u>72</u> ft. of <u>SLO w/ MW</u> <u>3% O</u> <u>97% M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: Tool Sample: <u>2% O</u> <u>2% W</u> <u>96% M</u>	Insurance
	Total

Time Set Packer(s) 5:39 AM A.M. P.M. Time Started Off Bottom 8:39 AM A.M. P.M. Maximum Temperature 125

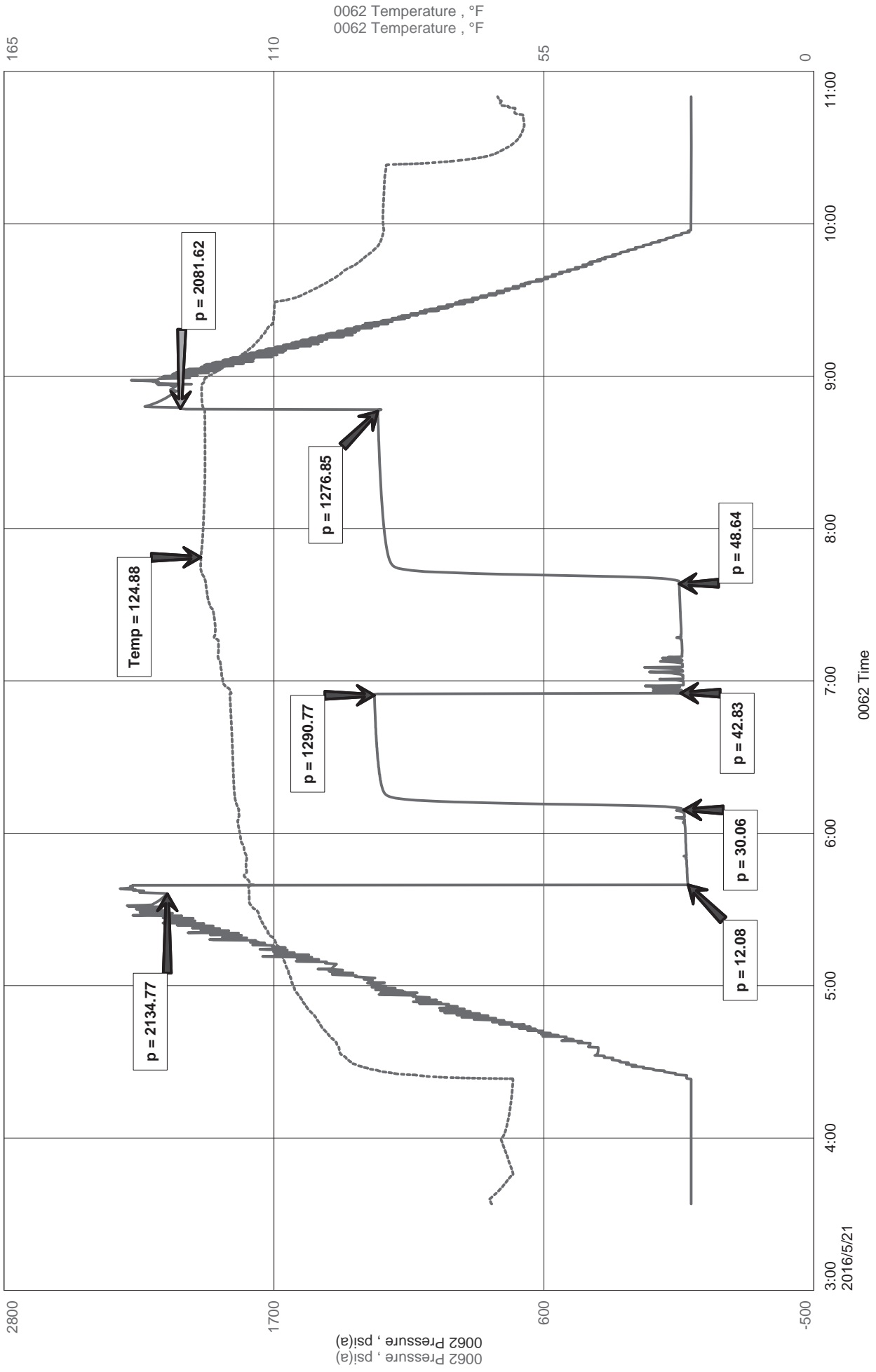
Initial Hydrostatic Pressure..... (A) 2135 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1291 P.S.I.
Final Flow Period..... Minutes 45 (E) 43 P.S.I. to (F) 49 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1278 P.S.I.
Final Hydrostatic Pressure..... (H) 2082 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 Inc
Dst 3 (4490-4548) Pawnee
Start Test Date: 2016/05/21
Final Test Date: 2016/05/21

Baird 1-30
Formation: Dst 3 (4490-4548) Pawnee
Pool: Infield
Job Number: RR227

Baird 1-30





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

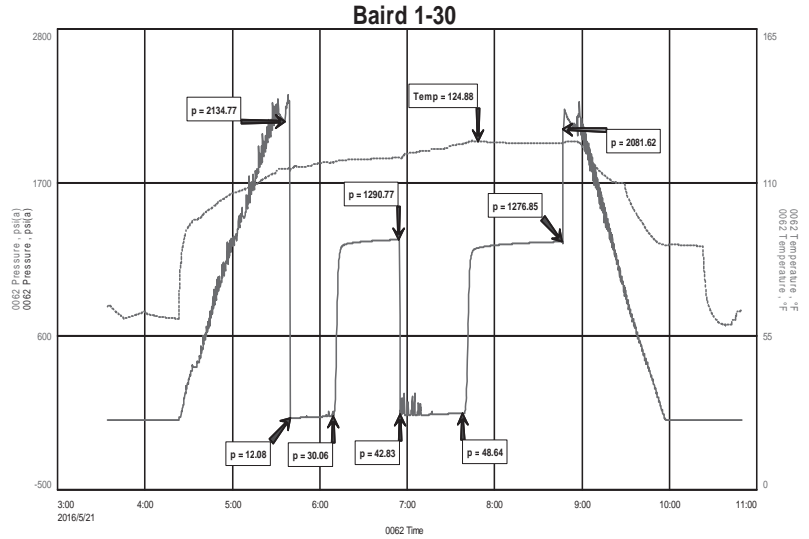
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Baird 1-30
Surface Location	Sec: 30-6s-35w (Thomas County)
Field	NA
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

Test Information

Job Number	RR227
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 (4490-4548) Pawnee
Start Test Date	2016/05/21 YYYY/MM/DD
Start Test Time	03:34:00 HH:mm:ss
Final Test Date	2016/05/21 YYYY/MM/DD
Final Test Time	10:49:00 HH:mm:ss



Test Results

Recovery:

72' SLO w/ HM 3% O 97% M

Tool Sample: 2% O 2% W 96% M

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE # 1-30 BAIRD
 FIELD WILDCAT
 LOCATION 1651' FSL & 2310' FEL
 SEC 30 TWP 66 RGE 35W
 COUNTY THOMAS STATE KANSAS
 CONTRACTOR L. D. DRILLING, INC.
 SPUD 5-13-16 COMP 5-23-16
 RTD 4850 LTD 4852
 MUD UP 3564 TYPE MUD CHEMICAL

ELEVATIONS
 KB 3277 *
 DF _____
 GL 3272
 Measurements Are All From 3277 KB
 CASING
 SURFACE 8 5/8" @ 342'
 PRODUCTION 5 1/2" @ 4617'
 ELECTRICAL SURVEYS
 DUAL IND, DENS-N., MICRO

SAMPLES SAVED FROM _____ 3600 TO 4850
 DRILLING TIME KEPT FROM _____ 3500 TO 4850
 SAMPLES EXAMINED FROM _____ 3600 TO 4850
 GEOLOGICAL SUPERVISION FROM _____ 3800 TO 4850
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	2886+391	2886+391
B/ANN.	2923+354	2924+353
WAB, STOTLER	3788-511	3784-507
HEEBNER	4095-818	4094-817
LANSING	4144-867	4139-862
B/KC	4398-1121	4397-1120
PAWNEE	4516-1239	4510-1233
FORT SCOTT	4580-1303	4582-1305
CHEROKEE	4611-1334	4612-1335
MISSISSIPPI	4756-1479	4758-1481



APR 15 - 193 - 2096.3

* Stated Ground Level Elevation: 3273.64
 Location lowered 16' = 3272.64

REMARKS

5-13-16 SPUD
 5-14 @ 345'
 5-15 @ 1865'
 5-16 @ 3890'
 5-17 @ 3625'
 5-18 @ 3865'
 5-19 @ 4210'
 5-20 @ 4485'
 5-21 @ 4548'
 5-22 @ 4850'
 5-23 @ 4850'

LEGEND

-  Anhydrite
-  Soft
-  Sandstone
-  Shale
-  Carb sh
-  Limestones
-  Gal. Limestone
-  Chert
-  Dolomite

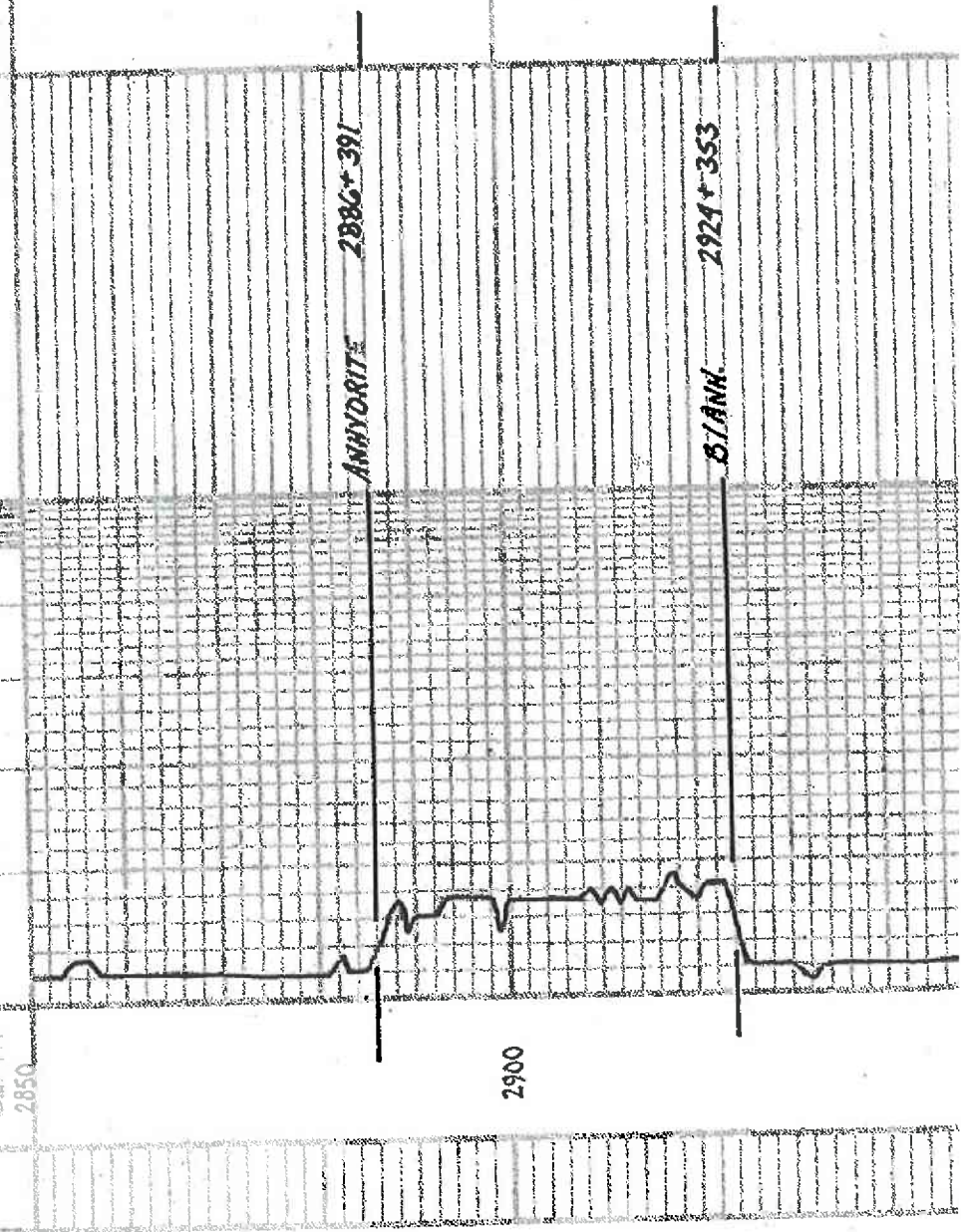
DRILLING TIME IN MINUTES
 PER FOOT
 Note: Penetration increases

DEPTH
 2950

SAMPLE DESCRIPTIONS

REMARKS

LITHOLOGY



3500

3600

3700

✓ Displaced

NA 2

3504

NA 59

NA 81

NA 72

NA 2100

Samples are tagged

Dr. G. V. ch

#

59. Rd

LS. T. wt. 17.14. Foss. 500

A. wh.

LS. T. Dolomite. 500. 17.14. 500

Dr. G. V. ch. 500

Sh. Rd

Sh. Rd. 11.50

LS. T. wt. 17.14. Foss. 500

Sh. 11.50

Sh. Rd. 11

LS. T. wt. 17.14. Foss. 500

Sh. Rd. 11

Sh. Rd

LS. T. wt. 17.14. Foss. 500

Sh. Rd. 11.50

WAB, SIBLER 3784-507

107

WAG, STOTLER 3784-507

DST
(17)

3800

3900

4000

4100

LS. to 4. USL. Chk. SE. Goss. P. 1/2 in. No. 100. No. 100.

DL. A. V. Goss. P. 1/2 in. No. 100. No. 100. No. 100. No. 100.

C. Mud Co. Sample box. Blow line w/ Hypo. (cut)

LS. wt. SE. Foss. Sil. A.

Sh. Sil. Blk.

LS. wt. Foss. Sil. Foss.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

LS. wt. SE. Foss. Sil. A.

Sh. Sil. Blk.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. SE. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

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LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

LS. wt. Foss. Sil. A. USL. Chk. F. 1/2 in. No. 100. No. 100. No. 100.

Sh. Sil. Blk.

HEEBNER 4094-817

Sh. Sil. Blk.

DST (1) 3789-3865

1500m: Blow Bull to 1 1/4"

30.45-45-60
Rec. 10' CO 29 GAVEL
20 VS 00CM

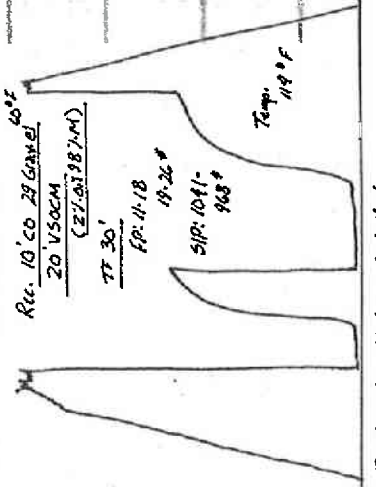
77 30'
(27.01.98 AM)

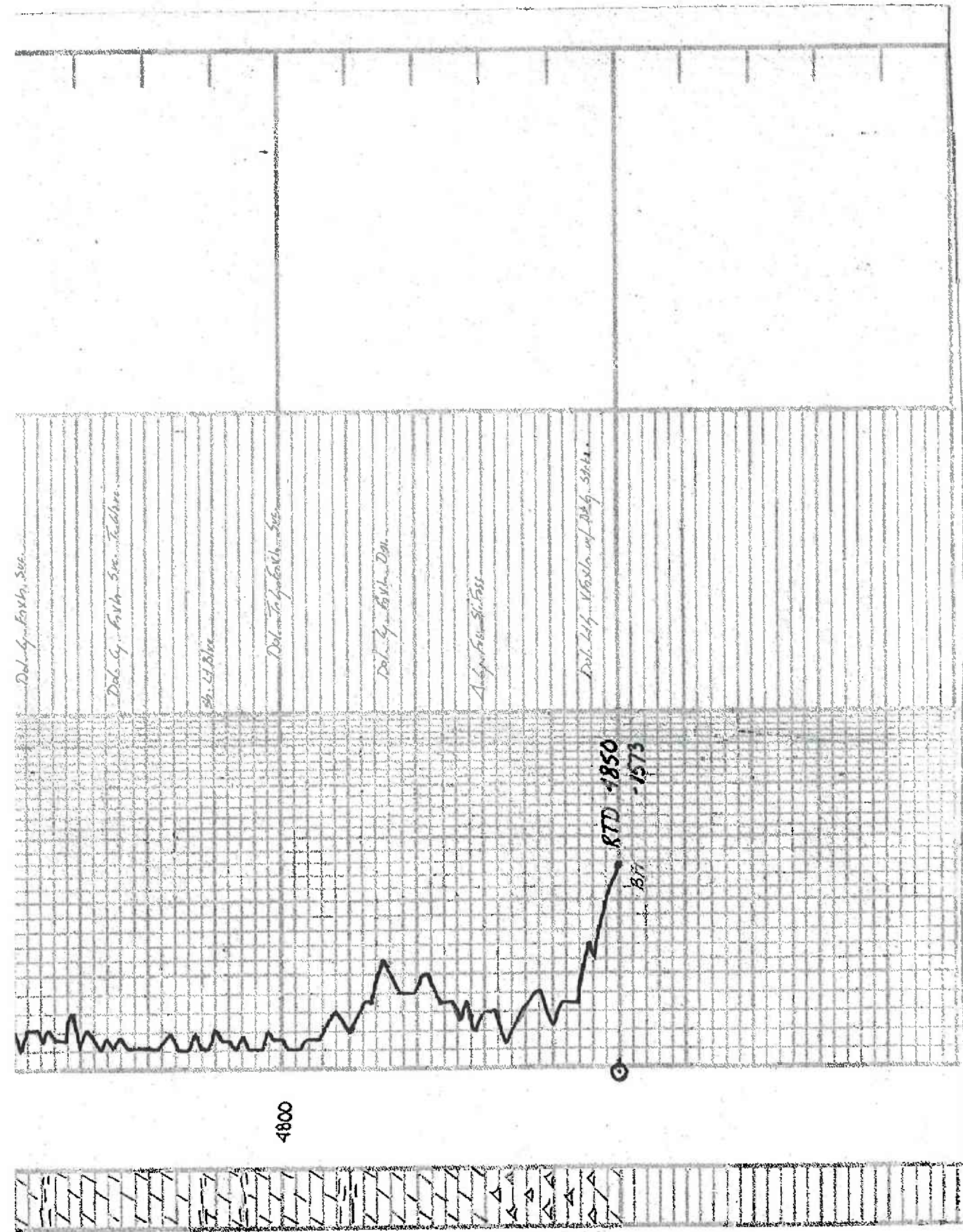
FR. 11-18
19-26

SIP. 1011-
908?

Temp. 114°F

Tool sample: 15' on BSI-Mud





4800

RTD - 1850
BT - 1973

○



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

30-6-35

FIELD SERVICE TICKET

1718 13638 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>5/23/2016</u> DISTRICT <u>Pratt, ks</u>		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 <u>LD Drilling, Inc</u>		LEASE <u>Baird</u>		WELL NO. <u>1-30</u>		
ADDRESS		COUNTY <u>Thomas</u>		STATE <u>ks</u>		
CITY STATE		SERVICE CREW <u>Darin, Chas, Paul</u>				
AUTHORIZED BY		JOB TYPE: <u>CNW/ 5 1/2 Longstring</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>5/22</u> ^{AM} _{PM} <u>2:30</u>
<u>19570</u>	<u>3/4</u>					ARRIVED AT JOB <u>5/22</u> ^{AM} _{PM} <u>9:00</u>
<u>19918</u>	<u>3/4</u>					START OPERATION <u>5/23</u> ^{AM} _{PM} <u>2:15</u>
						FINISH OPERATION <u>5/23</u> ^{AM} _{PM} <u>3:00</u>
						RELEASED <u>5/23</u> ^{AM} _{PM} <u>3:30</u>
						MILES FROM STATION TO WELL <u>245</u>

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: L.D. Davis By DL Scot
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 Cement	SK	150		2,550 00
CP103	60/40 POZ	SK	30		360 00
CC102	Celloflake	Lb	38		140 60
CC111	SG1+	Lb	816		408 00
CC113	Gypsum	Lb	705		528 75
CC129	FLA-322	Lb	113		847 50
CC201	Gilsonite	Lb	900		603 00
CF1051	Cementing Shoe Picker Type, 5 1/2" (Blue)	Eg	1		2,800 00
CF607	Latch Down Plug & Baffle, 5 1/2" (Blue)	Eg	1		400 00
CF1651	Turbolizer, 5 1/2" (Blue)	Eg	8		880 00
CF1901	5 1/2" Basket (Blue)	Eg	1		290 00
CC151	Mud Flush	Gal	1,000		1,500 00
E100	un. + mileage charge, - pickups, smsl, ks gas & toll	m.	100		450 00
E101	Heavy Equipment Mileage	m.	200		1,500 00
E113	Proposed gas Bulk Delivery charges, per ton mile	Ton/m	835		2,087 50
CE205	Depth Charge, 4001 - 5,000'	4hr	1		2,520 00
CE240	Bleeding & mixing Service Charge	SK	180		252 00
SC03	Service Supervisor, first 8 hrs on loc	Eg	1		175 00
CF504	Plug container utilization charge	Job	1		250 00
SUB TOTAL					18,542 35

CHEMICAL / ACID DATA:		

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
Discounted TOTAL		9,271 18

SERVICE REPRESENTATIVE <u>Darin K... ..</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>L.D. Davis By DL Scot</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer LD Drilling, Inc	Lease No.	Date 5/23/2016
Lease B912	Well # 1-30	
Field Order # 13038	Station Pratt, KS	Casing 5 1/2
		Depth 4630
Type Job CNW/5 1/2 Long String	Formation TD-4850	Legal Description 30-6-35
		County Thomas
		State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 4630	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 110	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4617	Packer Depth	From	To	Flush Freshwater	Gas Volume		Total Load	

Customer Representative Rick	Station Manager Kevin Gordley	Treater Darin Franklin
Service Units 92911 38119 19570 77684 19918		
Driver Names Darin chad chad Paul Paul		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00pm					on location/safety meeting
					5 1/2 casing 15.5# set @ 4630'
					C-1,3,5,7,9,11,13,15
					B-1
					150 sk AA2 cement, -10% sst, 10%
					Gypsum, .8% FLA-322, 1/4 #/sk cell flake
					6 #/sk Gilsonite -14.8 pps, 1.54 veid, 6.52 water
					Pipe on bottom & break circulation
2:15	200		20	5	Pump 20 bbls mud Flush
	200		5	5	Pump 5 bbls water
	400		41	7	mix 150 sk cement
					Shut down
					Wash Pump & lines
					Release Plug
	100		0	7	Start displacement
	400		77	5	Lift Pressure
	600		100	3	Slow Rate
3:00am	1400		106 1/2	3	Bump Plug
					Release - shut in head - plug didn't hold
	100		7	3	Plug Rate hole
					Job complete / Darin & crew



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log


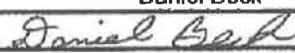
Customer:	LD Drilling	Cement Pump No.:	38117, 19919 3Hrs.	Operator TRK No.:	78938
Address:		Ticket #:	1718 13207 I	Bulk TRK No.:	30643, 37547 Marc
City, State, Zip:		Job Type:	Z42 - Cement Surface Casing		
Service District:	1718 Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Barid 1-30	Well Location:	30,6,35	County:	Thomas State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 POZ	310	2% Calcium Chloride, 1/4# Polyflake	30643, 37547 Marc	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.3	1.31	5.94	406.1	Man Hours:	4.5
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
9:30							ON LOCATION
9:40							SAFETY MEETING
10:00 AM							RIG UP
10:30 AM							WAIT ON RIG
12:15 AM							CIRCULATE
0:34							PRESSURE TEST
0:36	4.7	72.3 slurry				90	PUMP 310SX @ 14.3#
12:55 AM	4.3	10				60	W.P. / DISPLACE
	4.3	20				80	
1:07	4.3	21.3				90	SHUTDOWN CLOSE IN
							JOB COMPLETE

Size Hole	12 1/4"	Depth		TYPE		SWAGE	
Size & Wt. Ceg.	8 5/8" 24#	Depth	345'	New / Used		Depth	
tbg.		Depth				Depth	
Top Plugs		Type				CIBP	

Customer Signature: 	Basic Representative:	Daniel Beck
	Basic Signature:	
	Date of Service:	5/14/2016