



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1233600
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: _____

1233600

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	BEREXCO LLC
Well Name	Lena Mai 3-29
Doc ID	1233600

All Electric Logs Run

Array Compensated True Resistivity Log
Borehole Compensated Sonic Array Log
Spectral Density Dual Spaced Neutron Log
Microlog

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Lena Mai 3-29
Doc ID	1233600

Tops

Name	Top	Datum
Heebner	3825	-971
Toronto	3839	-985
Lansing A	3871	-1017
Lansing B	3917	-1063
Lansing C	3939	-1085
Lansing D	3986	-1132
Lansing G	4088	-1234
Lansing H	4120	-1266
Lansing I	4167	-1313
KS City A	4236	-1382
KS City B	4269	-1415
KS City (Base)	4366	-1512
Marmaton	4403	-1549
Marmaton B	4422	-1568
Pawnee	4477	-1623
Ft. Scott	4510	-1656
Cherokee	4526	-1672
Atoka	4608	-1754
Morrow	4690	-1836
St. Louis	4800	-1946
RTD	4930	
LTD	4928	



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 1

TIME ON: 19: 59 Aug 14
TIME OFF: 09:10 Aug 15

Company Berexco LLC Lease & Well No. Lena Mai 3-29
Contractor Beredco Drilling Charge to Berexco LLC
Elevation 2852 Formation Marm Ft. Scott Effective Pay _____ Ft. Ticket No. RR065
Date 08/14/2014 Sec. 29 Twp. 23 S Range 32 W County Finney State KANSAS
Test Approved By Tim Hedrick Diamond Representative RICKY RAY

Formation Test No. 1 Interval Tested from 4396 ft. to 4457 ft. Total Depth 4457 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) 4378 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4434 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 616 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 10 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5100 P.P.M. Drill Pipe Length 3747 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 61A(29P) 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: 1/2" **BOB** in 13 1/2 mins **NOBB**
2nd Open: 1/4" **BOB** in 20 1/2 mins **NOBB**

Recovered 309 ft. of HWM 40% W 60% M
Recovered 616 ft. of HWM 80% W 20% M
Recovered 925 ft. of Total Fluid

Recovered _____ ft. of _____	RW: .12 @ 78 Deg	
Recovered _____ ft. of _____	Chlorides 55,000 PPM	Price Job
Recovered _____ ft. of _____	PH: 7	Other Charges
Remarks: Tool Sample: <u>2% G</u> <u>1% O</u> <u>77% W</u> <u>20% M</u>		Insurance
		Total

Time Set Packer(s) 12:48 AM Aug 15 ^{A.M.}/_{P.M.} Time Started Off Bottom 5:18 AM Aug 15 ^{A.M.}/_{P.M.} Maximum Temperature 115

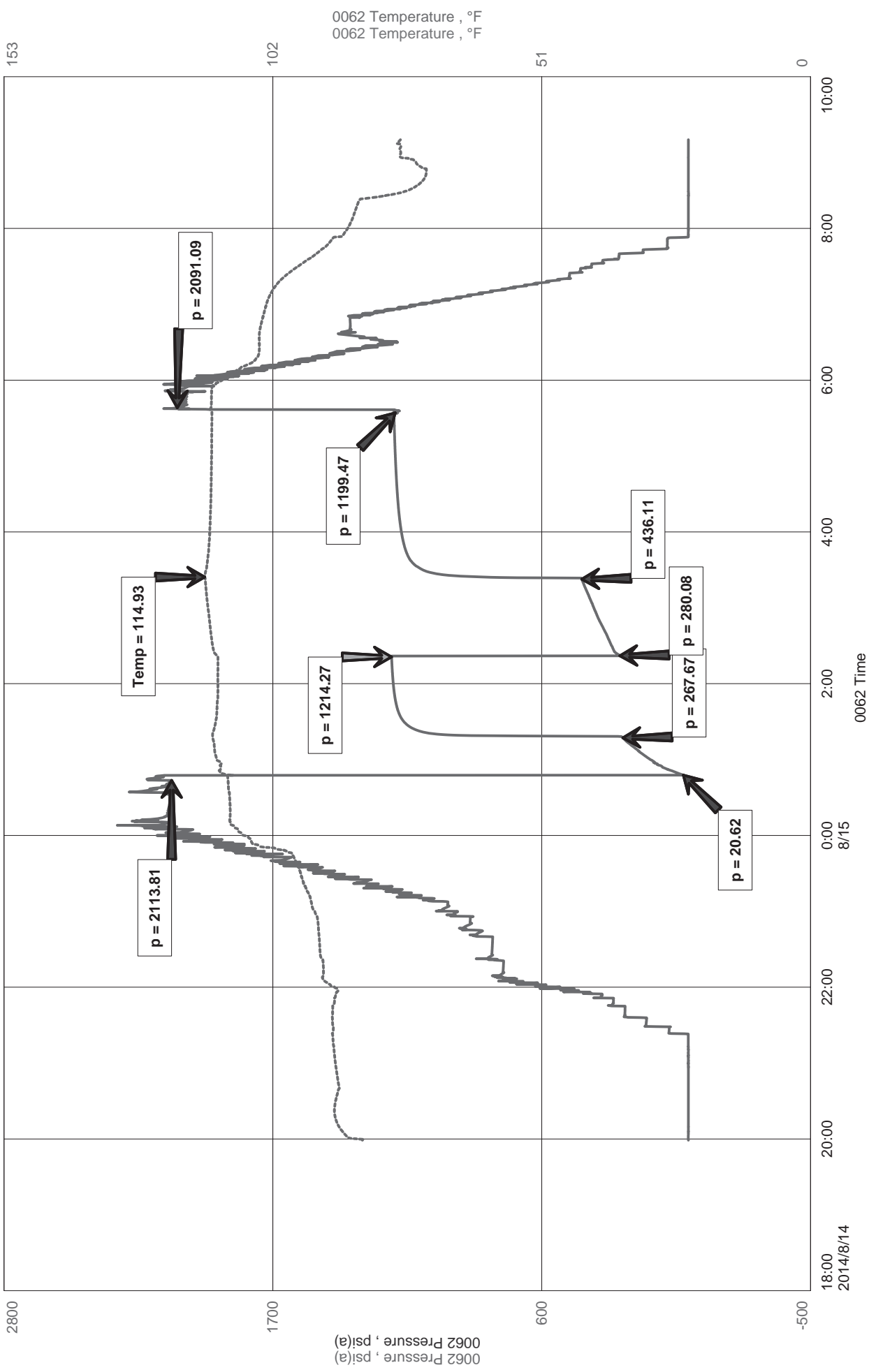
Initial Hydrostatic Pressure..... (A) 2114 P.S.I.
Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 268 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1214 P.S.I.
Final Flow Period..... Minutes 60 (E) 280 P.S.I. to (F) 436 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1199 P.S.I.
Final Hydrostatic Pressure..... (H) 2091 P.S.I.

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Berexco LLC
Dst 1 Marm Ft Scott (4396-4457)
Start Test Date: 2014/08/14
Final Test Date: 2014/08/15

Lena Mia 3-29
Formation: Dst 1 Marm Ft Scott (4396-4457)
Pool: Wildcat
Job Number: RR065

Lena Mia 3-29





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

Ricky Ray - Tester
(620) 617-7261

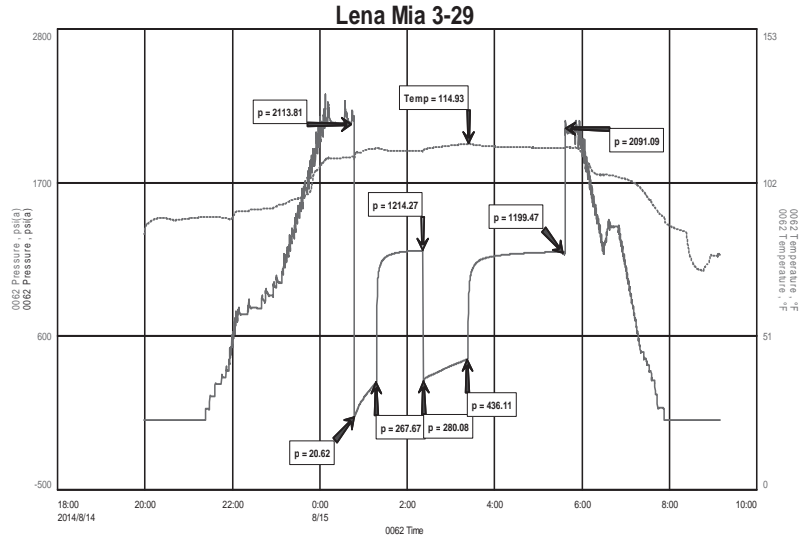
Wellsite Report

General Information

Company Name	Berexco LLC
Contact	Evan Mayhew
Well Operator	Berexco LLC
Well Name	Lena Mia 3-29
Surface Location	Sec: 29-23s-32W (Finney County)
Field	Congdo North
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Tim hendrick
Gauge Name	0062

Test Information

Job Number	RR065
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Marm Ft Scott (4396-4457)
Start Test Date	2014/08/14 YYYY/MM/DD
Start Test Time	19:59:00 HH:mm:ss
Final Test Date	2014/08/15 YYYY/MM/DD
Final Test Time	09:10:00 HH:mm:ss



Test Results

Recovery:

309'	HWM	40% W	60% M
616'	HWM	80%W	20% M
925'	Total Fluid		

Tool Sample: 2% G 1% O 77% W 20% M

RW: .12 @ 78 Deg
 Chlorides: 55,000
 PH: 7



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 2

TIME ON: 21:07 Aug 15
TIME OFF: 06:53 Aug 16

Company Berexco LLC Lease & Well No. Lena Mai 3-29
Contractor Beredco Drilling Charge to Berexco LLC
Elevation 2852 Formation _____ Ft. Scott Effective Pay _____ Ft. Ticket No. RR066
Date 08/16/2014 Sec. 29 Twp. _____ 23 S Range _____ 32 W County _____ Finney State KANSAS
Test Approved By Ian Bosmeijer Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 4501 ft. to 4524 ft. Total Depth 4524 ft.
Packer Depth 4496 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4501 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4483 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4506 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 616 ft. I.D. 2 1/4 in.
Weight 9.15 Water Loss 11.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5200 P.P.M. Drill Pipe Length 3852 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 23 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 Blow Died Out NO BB
2nd Open: No Blow NO BB

Recovered <u>3</u> ft. of <u>M</u> <u>100 % M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered <u>\</u> ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 100 % M</u>	Insurance
	Total

Time Set Packer(s) 1:07AM Aug 16 ^{A.M.}/_{P.M.} Time Started Off Bottom 4:07 AM Aug 16 ^{A.M.}/_{P.M.} Maximum Temperature 111

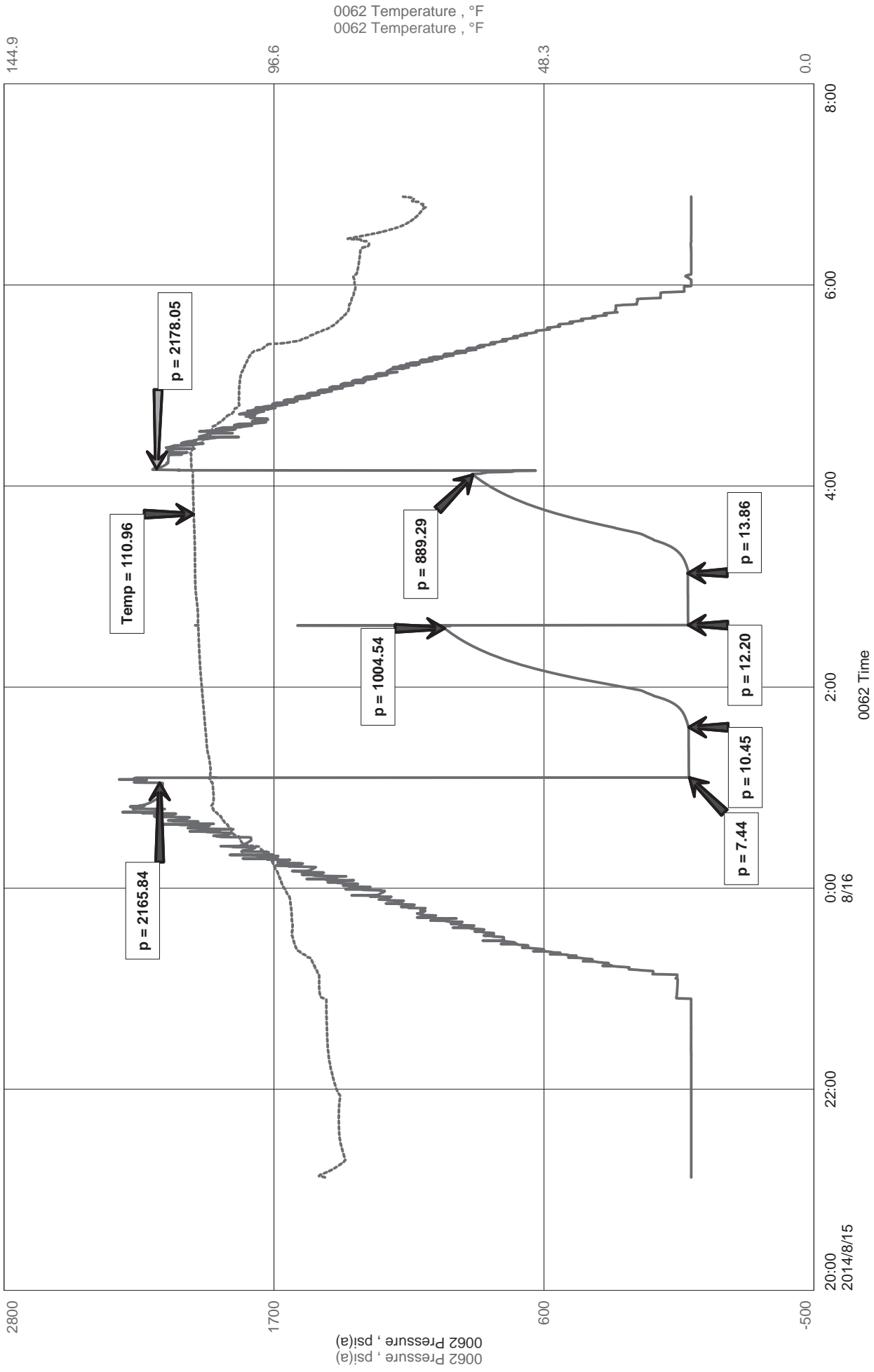
Initial Hydrostatic Pressure..... (A) 2166 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1005 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 14 P.S.I.
Final Closed In Period..... Minutes 60 (G) 889 P.S.I.
Final Hydrostatic Pressure..... (H) 2178 P.S.I.

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Berexco LLC
Dst 2 Ft.Scott (4501-4524)
Start Test Date: 2014/08/15
Final Test Date: 2014/08/16

Lena Mai 3-29
Formation: Dst 2 Ft.Scott (4501-4524)
Pool: Wildcat
Job Number: RR066

Lena Mai 3-29





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

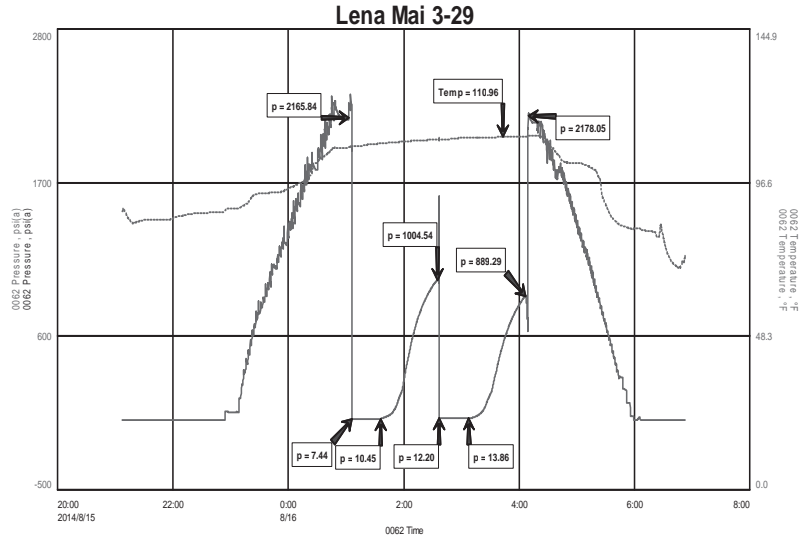
Wellsite Report

General Information

Company Name	Berexco LLC
Contact	Beredco Drilling
Well Operator	Berexco LLC
Well Name	Lena Mai 3-29
Surface Location	Sec: 29-23s-32w (Finney County)
Field	Congdon North
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Ian Bosmeijer
Gauge Name	0062

Test Information

Job Number	RR066
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Ft.Scott (4501-4524)
Start Test Date	2014/08/15 YYYY/MM/DD
Start Test Time	21:07:00 HH:mm:ss
Final Test Date	2014/08/16 YYYY/MM/DD
Final Test Time	06:53:00 HH:mm:ss



Test Results

Recovery

3' M 100% M

Tool Sample: 100 % M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 3

TIME ON: 15:50: Aug 17
TIME OFF: 00:56 Aug 18

Company Berexco LLC Lease & Well No. Lena Mai 3-29
Contractor Beredco Drilling Charge to Berexco LLC
Elevation 2852 Formation Morrow Sand Effective Pay _____ Ft. Ticket No. RR067
Date 08/18/2014 Sec. 28 Twp. 23 S Range 32 W County Finney State KANSAS
Test Approved By Ian Bosmeijer Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 4777 ft. to 4785 ft. Total Depth 4785 ft.
Packer Depth 4772 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4777 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4758 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4782 ft. Recorder Number 11048 Cap. 5100 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 616 ft. I.D. 2 1/4 in.
Weight 9.25 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4300 P.P.M. Drill Pipe Length 4128 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 8 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: NO BLOW Flush Tool (Didn't Help) Test Terminated
2nd Open: _____

Recovered <u>1</u> ft. of <u>M</u> <u>100% M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 100 % M</u>	Insurance
	Total

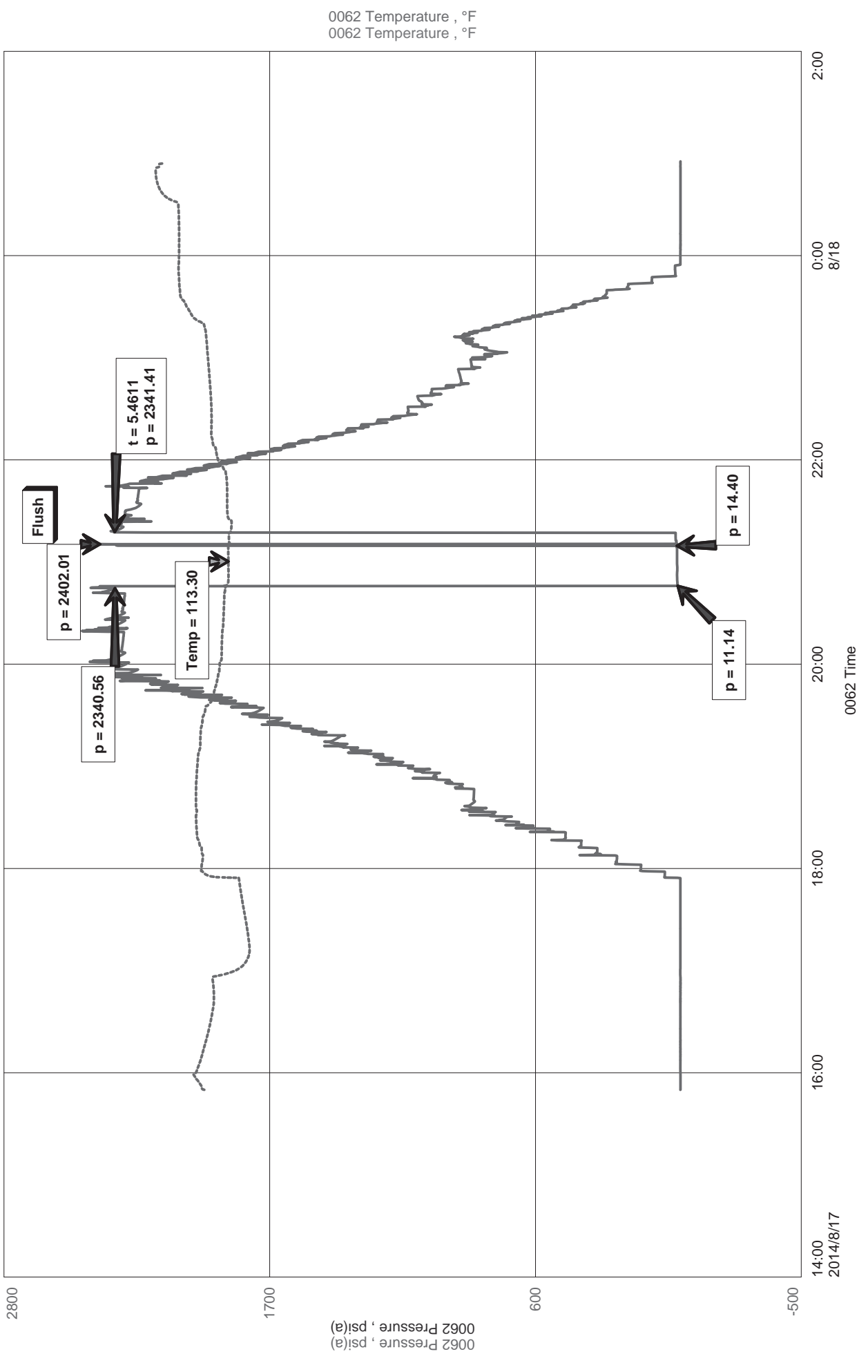
Time Set Packer(s) 8:51 PM Aug 17 ^{A.M.}/_{P.M.} Time Started Off Bottom 9:30 PM Aug 17 ^{A.M.}/_{P.M.} Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 2341 P.S.I.
Initial Flow Period..... Minutes (B) 11 P.S.I. to (C) 14 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) 2341 P.S.I.

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Berexco LLC
 Dst 3 Marrow Sand (4777-4785)
 Start Test Date: 2014/08/17
 Final Test Date: 2014/08/18
 Lena Mai 3-29
 Formation: Dst 3 Marrow Sand (4777-4785)
 Pool: Wildcat
 Job Number: RR067

Lena Mai 3-29





Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

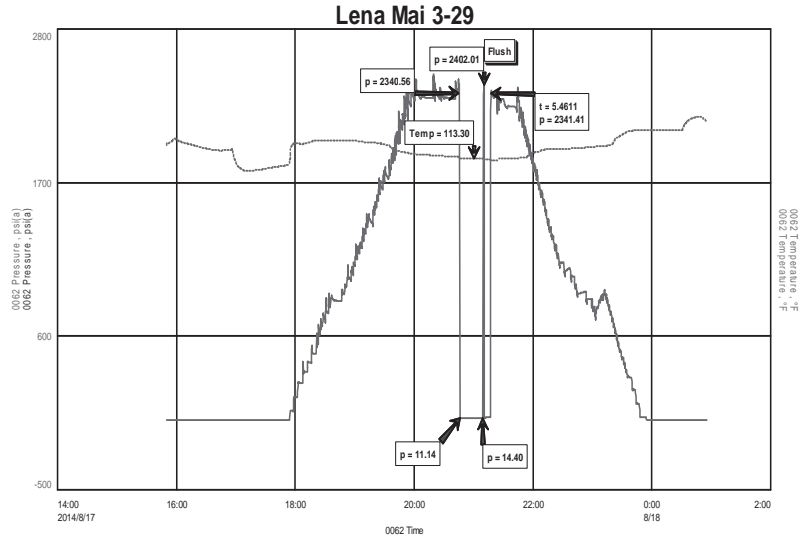
Wellsite Report

General Information

Company Name	Berexo LLC
Contact	Beredco Drilling
Well Operator	Berexo LLC
Well Name	Lena Mai 3-29
Surface Location	Sec: 28-23s-32
Field	Congdon North
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Ian Bosmeijer
Gauge Name	0062

Test Information

Job Number	RR067
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 Marrow Sand (4777-4785)
Start Test Date	2014/08/17 YYYY/MM/DD
Start Test Time	15:50:00 HH:mm:ss
Final Test Date	2014/08/18 YYYY/MM/DD
Final Test Time	00:56:00 HH:mm:ss



Test Results

Recovery:

1' M 100%

Tool Sample: 100 % M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 4

TIME ON: 11:50
TIME OFF: 23:27

Company Berexco LLC Lease & Well No. Lena Mai 3-29
Contractor Beredco Drilling Charge to Berexco LLC
Elevation 2852 Formation Morrow Sand Effective Pay _____ Ft. Ticket No. RR068
Date 08/18/2014 Sec. 28 Twp. 23 S Range 32 W County Finney State KANSAS
Test Approved By Ian Bosmeijer Diamond Representative RICKY RAY

Formation Test No. 4 Interval Tested from 4779 ft. to 4795 ft. Total Depth 4795 ft.
Packer Depth 4774 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4779 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4761 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4782 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 616 ft. I.D. 2 1/4 in.
Weight 9.25 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4300 P.P.M. Drill Pipe Length 4130 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 16 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 2 1/2 mins 3 1/2 bb
2nd Open: NO Blow built to 1/4 in 60 mins NOBB

Recovered <u>121</u> ft. of <u>GIP</u>		
Recovered <u>30</u> ft. of <u>O 100% O</u>	<u>27 @ 60 Deg</u>	
Recovered <u>372</u> ft. of <u>GO w/ HWM 6% G 10% O 34% W 50% M</u>		
Recovered <u>186</u> ft. of <u>SLGO w/ WCM 4%G 4% O 10% W 82% M</u>		
Recovered <u>588</u> ft. of <u>Total Fluid</u>	<u>RW: .12 @ 72 Deg</u>	<u>Price Job</u>
Recovered _____ ft. of _____	<u>Chlorides: 80,000ppm</u>	<u>Other Charges</u>
Remarks: _____	<u>Ph: 7</u>	<u>Insurance</u>
Tool Sample: <u>2% G 8% O 65% W 25% M</u>		<u>Total</u>

Time Set Packer(s) 2:49 PM A.M. P.M. Time Started Off Bottom 7:19 PM A.M. P.M. Maximum Temperature 115

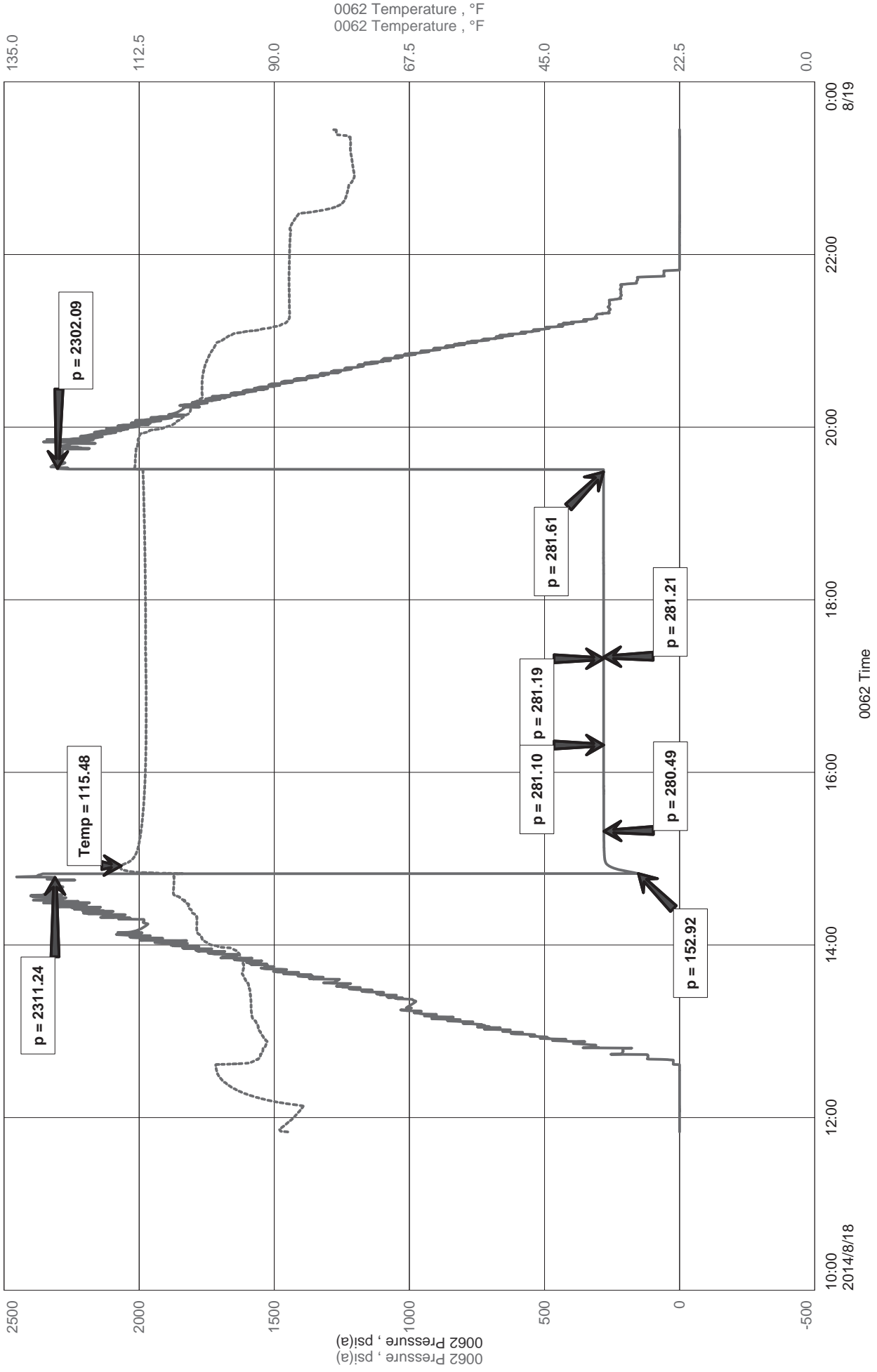
Initial Hydrostatic Pressure..... (A) 2311 P.S.I.
Initial Flow Period..... Minutes 30 (B) 153 P.S.I. to (C) 280 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 281 P.S.I.
Final Flow Period..... Minutes 60 (E) 281 P.S.I. to (F) 281 P.S.I.
Final Closed In Period..... Minutes 120 (G) 282 P.S.I.
Final Hydrostatic Pressure..... (H) 2302 P.S.I.

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Berexco LLC
Dst 4 Morrow Sand (4777-4785)
Start Test Date: 2014/08/18
Final Test Date: 2014/08/18

Lena Mai 3-29
Formation: Dst 4 Morrow Sand (4777-4785)
Pool: Wildcat
Job Number: RR069

Lena Mai 3-29





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

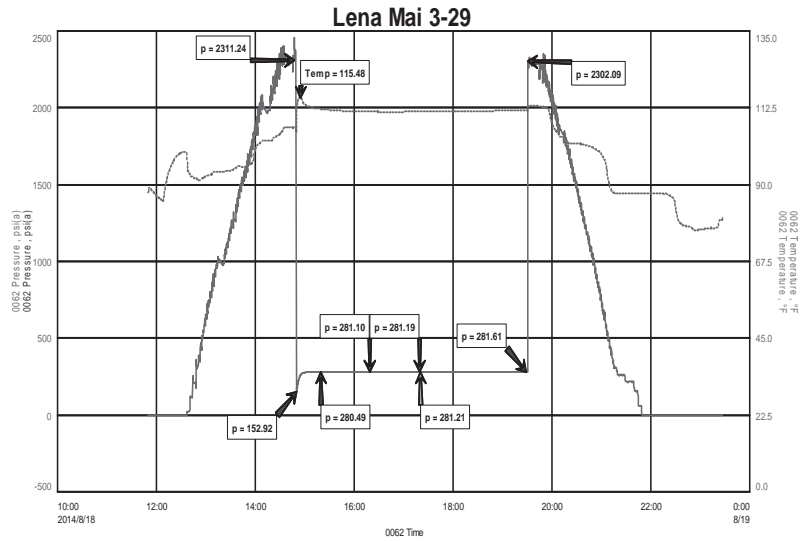
Wellsite Report

General Information

Company Name	Berexco LLC
Contact	Beredco Drilling
Well Operator	Berexco LLC
Well Name	Lena Mai 3-29
Surface Location	Sec: 29-23s-32w (Finney County)
Field	Congdon North
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Ian Bosmeijer
Gauge Name	0062

Test Information

Job Number	RR069
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 4 Morrow Sand (4777-4785)
Start Test Date	2014/08/18 YYYY/MM/DD
Start Test Time	11:50:00 HH:mm:ss
Final Test Date	2014/08/18 YYYY/MM/DD
Final Test Time	23:27:00 HH:mm:ss



Test Results

Recovery:

121'	GIP				
30'	O	100 % O	27 gravity @ 60 Deg		
372'	GO w/ HWM	6% G	10% O	34% W	50% M
186'	SLGO w/ WCM	4% G	4% O	10% W	82% M
588'	Total Fluid				

Tool Sample: 2 % G 8 % O 65 % W 25 % M

RW: .12 @ 72 Deg
 Chlorides: 80,000 PPM
 PH: 7



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 5

TIME ON: 10:55
TIME OFF: 21:29

Company Berexco LLC Lease & Well No. Lena Mai 3-29
Contractor Beredco Drilling Charge to Berexco LLC
Elevation 2852 Formation St. Louis Effective Pay _____ Ft. Ticket No. RR069
Date 08/19/2014 Sec. 28 Twp. 23 S Range 32 W County Finney State KANSAS
Test Approved By Ian Bosmeijer Diamond Representative RICKY RAY

Formation Test No. 5 Interval Tested from 4803 ft. to 4830 ft. Total Depth 4830 ft.
Packer Depth 4785 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4806 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4785 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4806 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 616 ft. I.D. 2 1/4 in.
Weight 9.25 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5100 P.P.M. Drill Pipe Length 4154 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 27 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 Blow Died in 2 mins NOBB
2nd Open: NO Blow NOBB

Recovered <u>4</u> ft. of <u>M</u> <u>100%</u> M	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 100% M</u> <u>Few Oil Specs</u>	Insurance
	Total

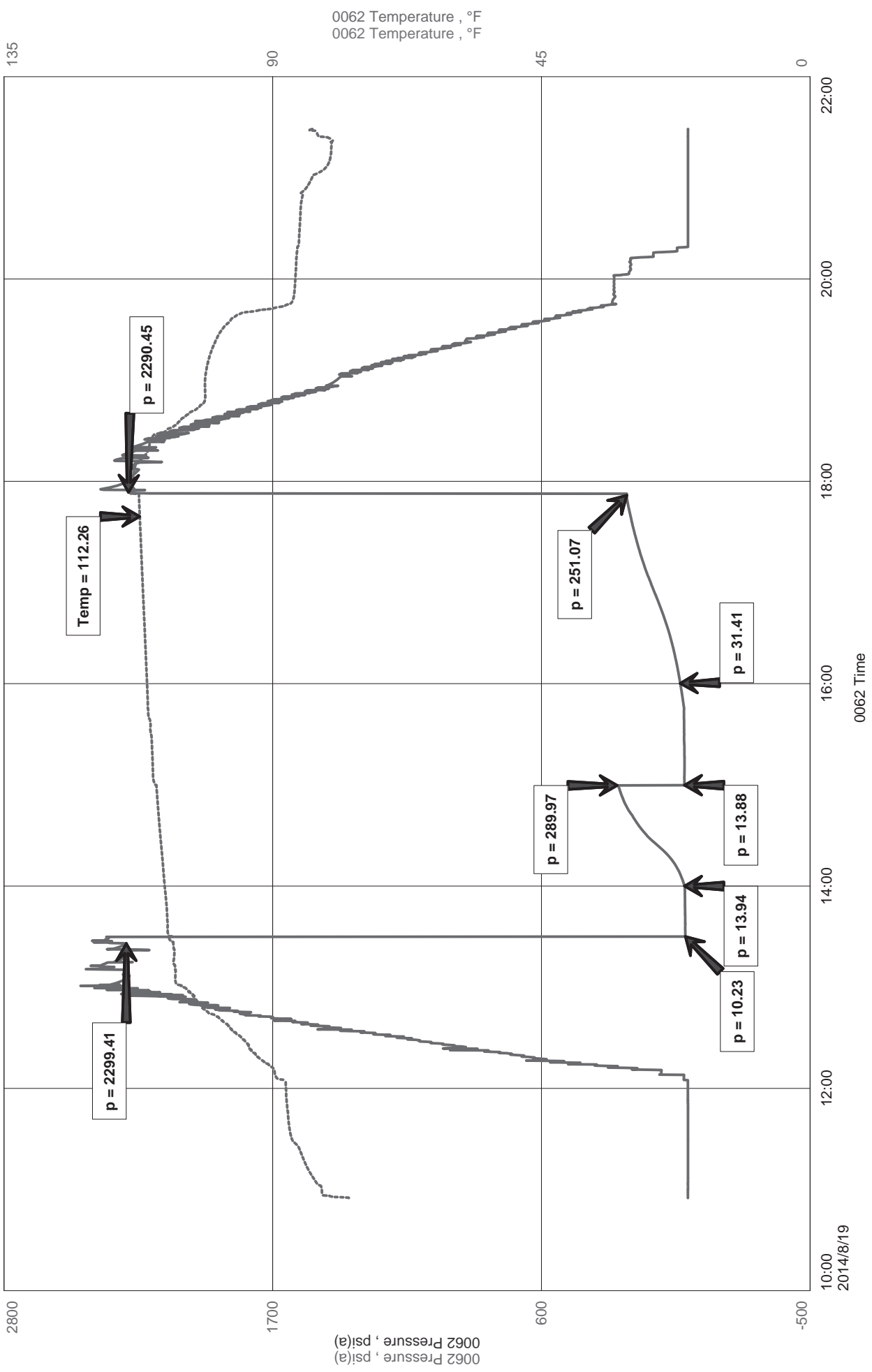
Time Set Packer(s) 1:51 PM A.M. P.M. Time Started Off Bottom 5:46 PM A.M. P.M. Maximum Temperature 112
Initial Hydrostatic Pressure..... (A) 2299 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 14 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 290 P.S.I.
Final Flow Period..... Minutes 45 (E) 14 P.S.I. to (F) 31 P.S.I.
Final Closed In Period..... Minutes 120 (G) 251 P.S.I.
Final Hydrostatic Pressure..... (H) 2290 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.

Berexco LLC
Dst 5 St. Louis (4803-4830)
Start Test Date: 2014/08/19
Final Test Date: 2014/08/19

Lena Mai 3-29
Formation: Dst 5 St. Louis (4803-4830)
Pool: Wildcat
Job Number: RR069

Lena Mai 3-29





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

Ricky Ray - Tester
(620) 617-7261

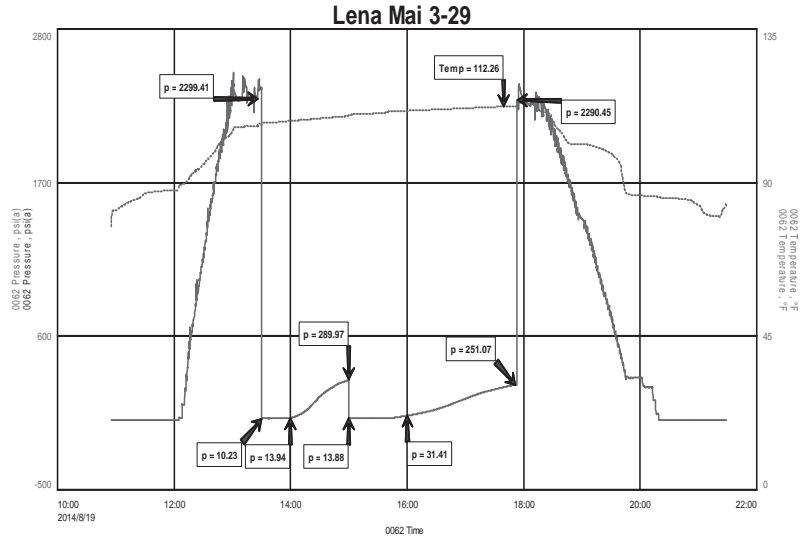
Wellsite Report

General Information

Company Name	Berexco LLC
Contact	Beredco
Well Operator	Berexco LLC
Well Name	Lena Mai 3-29
Surface Location	Sec: 29-23s-32w (Finney County)
Field	Congdon North
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Ian bosmeijer
Gauge Name	0062

Test Information

Job Number	RR069
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 5 St. Louis (4803-4830)
Start Test Date	2014/08/19 YYYY/MM/DD
Start Test Time	10:55:00 HH:mm:ss
Final Test Date	2014/08/19 YYYY/MM/DD
Final Test Time	21:29:00 HH:mm:ss



Test Results

Recovery'

4' M 100% M

Tool Sample: 100% M Few Oil specs

ALLIED OIL & GAS SERVICES, LLC 063320

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley

DATE <u>8-8-14</u>	SEC. <u>29</u>	TWP. <u>23</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>55007A</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>5:00 PM</u>
Lease No / LEASE		WELL # <u>3-29</u>		LOCATION <u>Jemie Carter school</u>		COUNTY <u>Finney</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>1/2 w info</u>			

CONTRACTOR Berexco 1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1750'

CASING SIZE 8 5/8 DEPTH 1250'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.21

CEMENT LEFT IN CSG. 42.21

PERFS.

DISPLACEMENT 108,283

OWNER same

CEMENT

AMOUNT ORDERED 650 sks Lite 386cc 4 1/2 seal
150 sks com 386cc

COMMON <u>150 sks</u>	@ <u>12.90</u>	<u>2685.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>2120²</u>	@ <u>1.10</u>	<u>2332.00</u>
ASC	@	
<u>Lite 650 sks</u>	@ <u>19.88</u>	<u>12922.00</u>
<u>Fluor Seal 163⁴</u>	@ <u>2.97</u>	<u>484.11</u>
<u>Material Total (44808/35%)</u>	@	<u>17423.11</u>
HANDLING <u>909.35</u>	@ <u>2.48</u>	<u>2255.20</u>
MILEAGE <u>2.25 ton/mile 38,12 ton</u>	@	<u>5247.34</u>

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Andrew Fortshaid HELPER Brandon Williams

BULK TRUCK # 323 DRIVER Chris (TWS)

BULK TRUCK # 566 DRIVER Estelora (TWS)

REMARKS:

Mix 650 sks Lite followed by 150 com
Release plug and Displace.
Leak test pressure land plug 900'
Plug landed float held cement
Did O, 104 cc.

Thank you

CHARGE TO: Berexco

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME John L...

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB <u>1750'</u>		
PUMP TRUCK CHARGE		<u>2213.75</u>
EXTRA FOOTAGE	@	
MILEAGE <u>50 miles</u>	@ <u>7.00</u>	<u>350.00</u>
MANIFOLD <u>head</u>	@ <u>225.00</u>	<u>N/C</u>
<u>Light vehicle</u>	@ <u>4.40</u>	<u>N/C</u>
	@	
<u>(3535.45/35%)</u>		<u>TOTAL 10,101.29</u>

PLUG & FLOAT EQUIPMENT

<u>1 Guide shoe</u>	@	<u>460.00</u>
<u>1 Air Float valve</u>	@	<u>497.00</u>
<u>3 Centralizers</u>	@ <u>75.00</u>	<u>225.00</u>
<u>1 Rubber Plug</u>	@	<u>131.00</u>
	@	
<u>(378.90/30%)</u>		<u>TOTAL 1,263.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES 29,787.40

DISCOUNT 10,362.43 (35% (30%)) IF PAID IN 30 DAYS

19,424.97 Net



CEMENTING LOG

STAGE NO.

Date 8-8-14 District Oakley Ticket No. 063320
 Company Beredco Rig Beredco 1
 Lease Lengma Well No. 3-29
 County Finney State KS
 Location 29 27 32 Field _____
Jennie Barker school 1/2 W 3 in TD

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight _____ Collar _____

Casing Depths: Top KB Bottom 1250'

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1260' ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. 12637 Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Lite 3%CC
1/4 Flo-seal Excess _____

Amt. 150 Skys Yield 1,97 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type com 3%CC
 Excess _____

Amt. 150 Skys Yield 1,133 ft³/sk Density 14.9 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 431
 Bulk Equip. 323
566

Float Equip: Manufacturer Industrial Rubber
 Shoe: Type Guide shoe Depth 1250'
 Float: Type AF4 Insert Depth 1207.09
 Centralizers: Quantity 3 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt. KB 28 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>4:00</u>						<u>start mixing Lite</u> <u>Lite mixed</u> <u>start com</u> <u>com mixed</u> <u>stop pump</u> <u>Release plug</u> <u>start displacement</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>300</u>			<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>500</u>			<u>10</u>		
				<u>10</u>		
	<u>600</u>			<u>9</u>		
	<u>900</u>					<u>plug landed</u> <u>float held</u> <u>Cement did circulate</u>
<u>5:00</u>						

FINAL DISP. PRESS: 600 PSI BUMP PLUG TO 900 PSI BLEEDBACK 1/2 BBLs. THANK YOU

ALLIED OIL & GAS SERVICES, LLC 064134

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley, KS
Bottom 2:00 pm 3:00 pm

DATE <u>8-21-14</u>	SEC. <u>20</u>	TWP. <u>23</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>7:00 a.m.</u>	JOB START <u>7:00 p.m.</u>	JOB FINISH <u>8:00 p.m.</u>
LEASE <u>Lena</u>	WELL # <u>3-29</u>	LOCATION <u>Coarden City N to Lami, E to</u>			COUNTY <u>Linn</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)		Tennee Barker, S to Lowe, W, S into					

CONTRACTOR <u>Berexco</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production (2 stage)</u>	
HOLE SIZE <u>7 7/8</u>	I.D. <u>4928</u>
CASING SIZE <u>5 1/2 (5.5)</u>	DEPTH <u>4923'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL DV TOOL	DEPTH <u>3205'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.42'</u>
CEMENT LEFT IN CSG. <u>42.42'</u>	
PERFS.	

DISPLACEMENT Bottom - 40 bbl water 76.11 bbl mud
Top 76.28 bbl water

CEMENT	Bottom - 100 sks 65/35 6.1 gel		
AMOUNT ORDERED	1/4" Flo-seal, 175 sks		
ASC	10% salt, 2% gel, 6% gilsonite, 5% FL-110, 25% P-Deframer		
Top	360 sks 65/35 6.1 gel		
1/4" Flo-seal	50 sks ASC		
COMMON		⊙	
POZMIX		⊙	
GEL		⊙	
CHLORIDE		⊙	
ASC	225 sks	@ 33.50	5287.50
class A Lite	460 sks	@ 19.88	9144.80
Flo-seal	103 "	@ 2.97	305.91
FL-110	107 "	@ 18.90	2022.30
Gilsonite	1350 "	@ .98	1323.00
P-Deframer	57 "	@ 3.50	199.50
		⊙	
	<u>Material total</u>		<u>18,203.01</u>
	<u>(6,216.22 / 34%)</u>		
HANDLING	807.43 #13	@ 2.48	2002.40
MILEAGE	1703.054 mi @ 2.75		4683.38
			TOTAL

PUMP TRUCK # 431 CEMENTER Paul Berner
HELPER Tyler Flipse / Chris (TWS)

BULK TRUCK # 566/0595 DRIVER Estaban (TWS)

BULK TRUCK # 891/310 DRIVER Juan T (TWS)

REMARKS: Bottom stage - Run Pipe / Float equip / Break pipe / Drop ball, pumped ball through @ lat 1/2 mi, 100 sks Lite, mix 175 sks ASC, Release plug, displace w/ water + mud plug did land, open tool, circ 4 hrs, Top Stage - mix 30 sks in R.H. mix 20 sks in m.H. mix 310 sks lite failed by 50 sks ASC Release plug, displace w/ water, plug did land, cement did circulate trace of cement @ surface

DEPTH OF JOB	4923'	3205'
PUMP TRUCK CHARGE	\$ 2765.75	\$ 2406.25
EXTRA FOOTAGE	⊙	
MILEAGE MINV	50 @ 7.70	385.00
MANIFOLD Head	@ 275.00	N/C
MINV	50 @ 4.40	N/C
		⊙
	<u>(4,162.55 / 34%)</u>	
		TOTAL <u>12,242.80</u>

CHARGE TO: Berexco LLC

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

5 1/2 Weatherford / Industrial		
AFU Float shoe	⊙	640.00
W - DV TOOL	⊙	5,335.00
W° Latchdown Flex Assy	⊙	160.00
I- Baskets	3 @ 395.00	1185.00
I- Centralizers	11 @ 57.00	912.00
		⊙
	<u>(3,056.20 / 35%)</u>	
		TOTAL <u>8,732.00</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gilbert Davila Jr

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 28,257.81

DISCOUNT 13,434.97 / 34% / 35% IF PAID IN 30 DAYS

14,822.84 Net.

Did



CEMENTING LOG

STAGE NO. 1

Date 8-21-14 District Dakley, KS Ticket No. 064134
 Company Beredco LLC Rig Beredco 1
 Lease Lena Mai Well No. 3-29
 County Finney State KS
 Location 20-23-32 Field _____

CEMENT DATA:
 Spacer Type: water
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type NEW Weight 15.5 Collar _____

LEAD: Pump Time _____ hrs. Type 6.5/3.5
6 1/2 gal 1 1/4" Flo-seal Excess _____
 Amt. 100 Skys Yield 1.97 ft³/sk Density 12.42 PPG _____
 TAIL: Pump Time _____ hrs. Type ASC 10' salt
6 1/2 gal 1 1/4" 2 1/2 gal 5 FT 1 1/2" P. Reserver Excess _____
 Amt. 17.5 Skys Yield 1.59 ft³/sk Density 14.28 PPG _____
 WATER: Lead 10.9 gals/sk Tail 7.0 gals/sk Total 55.12 Bbls.

Casing Depths: Top KB Bottom 4923'

Pump Trucks Used 4:31 - Tyler F
 Bulk Equip. 566-595

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4928' ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford / Industrial
 Shoe: Type AFU Float shoe Depth 4923'
 Float: Type Latched down Flex Assy Depth 4880.58'
 Centralizers: Quantity 16 Plugs Top DK Btm. Flex
 Stage Collars DN - Tool
 Special Equip. 3 - Baskets
 Disp. Fluid Type water/mud Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type 40 bbl / 76.6 bbl Weight _____ PPG _____
NO VIS

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Wayne

CEMENTER Paul Weaver

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
			bbls	Total bbls		Hold safety meeting Run Pipe / Float equip Break circ. / Drop ball pump ball through shoe @ 600# pump water spacer mix 100 sks lite weigh cement 3 times @ 12.5" mix 175 sks ASC weigh cement 3 times @ 14.5" stop cement wash up pump + lines to pit Release plug Displace w/ water Displace w/ mud
2:00	200 ^{psi} 200 ^{psi}		5.0 25.95	5.0 30.95	4 4	
	200 ^{psi}		29.17	60.12	4	
	0 ^{psi}		5.0	65.12	2	
	100 ^{psi} 200 ^{psi} 200 ^{psi} 500 ^{psi} 650 ^{psi} 800 ^{psi}		40.0 20 20 10 10	105.12 125.12 145.12 155.12 165.12	6 6 6 6 6	
3:00	900 ^{psi}		6.16	181.28	4	plug did land @ 1400' L.Rt. 900# float did hold Drop Dart opened tool @ 900# circ 4 hrs

FINAL DISP. PRESS: 900 PSI BUMP PLUG TO 1400 PSI BLEEDBACK 1/2 BBLs. THANK YOU



CEMENTING LOG

STAGE NO. 2

Date 8-21-14 District Daklog KS Ticket No. 064134
 Company Beruco LLC Rig Beruco 1
 Lease Lena Mai Well No. 3-29
 County Pinnac State KS
 Location 20-23-32 Field _____

CEMENT DATA:
 Spacer Type: water
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type new Weight 15.5# Collar _____

LEAD: Pump Time _____ hrs. Type 6.5/35 6 1/2
gel 1/4 # Flo-seal Excess _____
 Amt. 360 Skys Yield 1.97 ft³/sk Density 12.42 PPG _____
 TAIL: Pump Time _____ hrs. Type ASC 10 1/2 3 1/4
6 # gilbert 2 1/2 gel .50 FL-100 .25 # P. Beaver
 Amt. 50 Skys Yield 1.59 ft³/sk Density 14.48 PPG _____
 WATER: Lead 10.9 gals/sk Tail 7.0 gals/sk Total _____ Bbls.

Casing Depths: Top K-B Bottom 3205'

Pump Trucks Used 431 - Tyler F / Chris (TWS)
 Bulk Equip. 544-595 - Estaban - TWS
890/310 - Joan T (TWS)

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4928 ft. P.B. to 3205' ft.
 (DV 4001)

Floater Equip: Manufacturer Weatherford
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top DV Btm. _____
 Stage Collars DV TOOL
 Special Equip. _____
 Disp. Fluid Type water Amt. 76.28 Bbls. Weight _____ PPG _____
 Mud Type 40vis Weight _____ PPG _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Wayne

CEMENTER Paul Beaver

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
7:00	0"		7.79	7.79	2	Hold Safety meeting mix 30 sks in R.H. mix 20 sks in M.H. mix 10 sks in L.H. mix 310 sks L.H. weigh cement @ 12.5" mix 50 sks ASC weigh cement @ 14.5" stop cement wash up into pit Release plug Displace w/ water plug did land tool did close cement did circulate trace of cement @ surface Thank you
	0"		5.19	12.98	2	
	200"		80.45	93.43	4	
	200"		8.33	101.76	4	
	0"		5.0	106.76	2	
	200"		20.0	126.76	6	
	200"		20.0	146.76	6	
	400"		10.0	156.76	6	
	600"		10.0	166.76	6	
	800"		10.0	176.76	6	
8:00	1000"		6.28	183.04	4	



WELL
FILE

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

Well Name: LENA MAI # 3-29
Well Id:
Location: SW SE NW NE Sec 29 23s 32w, Finney, Kansas
License Number: 15-055-22334-00-00
Spud Date: 8/5/2014
Surface Coordinates: 1244' SOUTH OF NE CORNER/ 1743' WEST OF NE CORNER
Region: CONGDON NORTH
Drilling Completed: 8/20/2014

Bottom Hole
Coordinates:
Ground Elevation (ft): 2842' K.B. Elevation (ft): 2854'
Logged Interval (ft): 3750' To: 4930' Total Depth (ft): 4930'
Formation: LANSING MARMATON MOROW ST LOUIS
Type of Drilling Fluid: Natural Chemical

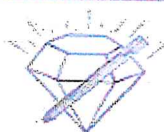
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BEREXCO LLC
Address: 2601 NW EXPRESSWAY, STE 1100E
OKLAHOMA CITY, OKLA. 73112
GEO: Pete Wilson

GEOLOGIST

Name: Tim Hedrick/ Ian Bosmeijer
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla. 73945
1-888-543-8378 Cell 580-754-0062



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Lena Mai 3-29 Dst 1

TIME ON: 19:59 Aug 14
TIME OFF: 09:10 Aug 15

Company: Berexco LLC Lease & Well No: Lena Mai 3-29
Contractor: Baredco Drilling Charge to: Berexco LLC
Elevation: 2852 Formation: Marm Fl. Scott Effective Pay: _____ Ft. Ticks No. RR005
Date: 08/14/2014 Sec: 29 Twp: 23 S Range: 32 W County: Finney State: KANSAS
Test Approved By: Tim Hedrick Diamond Representative: RICKY RAY

Formation Test No. 1 Interval Tested from: 4395 ft. to 4457 ft. Total Depth: 4457 ft.
Packer Depth: 4391 ft. Size: 6 3/4 in. Packer depth: _____ ft. Slot: 6 3/4 in.
Packer Depth: 4395 ft. Size: 6 3/4 in. Packer depth: _____ ft. Size: 6 3/4 in.
Depth of Selective Zone Set: _____
Top Recorder Depth (inside): 4378 ft. Recorder Number: 0062 Cap: 5000 P.S.I.
Bottom Recorder Depth (Outside): 4424 ft. Recorder Number: 5954 Cap: 5000 P.S.I.

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)	4378 ft.	Recorder Number	0062	Cap.	5000	P.S.I.	
Bottom Recorder Depth (Outside)	4434 ft.	Recorder Number	5954	Cap.	5000	P.S.I.	
Below Straddle Recorder Depth	ft.	Recorder Number		Cap.		P.S.I.	
Mud Type	CHEMICAL	Viscosity	50	Drill Collar Length	616 ft.	I.D.	2 1/4 in.
Weight	9.5	Water Loss	10 cc.	Weight Pipe Length	0 ft.	I.D.	2 7/8 in.
Chlorides	5100 p.p.m.	Drill Pipe Length	5747 ft.	I.D.	3 1/2 in.		
Jars: Make	STERLING	Serial Number	B'SP	Test Tool Length	33 ft.	Tool Size	3 1/2-FH in.
Did Well Flow?	NA	Reversed Out	NA	Anchor Length	61A(200') 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: 1/2" BOB in 13 1/2 mins						NOBB
	2nd Open: 1/4" BOB in 20 1/2 mins						NOBB
Recovered	300 ft. of HWM	40% W	50% M				
Recovered	616 ft. of HWM	60% W	20% M				
Recovered	925 ft. of Total Fluid						
Recovered	ft. of			RW: .12 @ 78 Deg			
Recovered	ft. of			Chlorides 55,000 PPM			Price Job
Recovered	ft. of			PH: 7			Other Charges
Remarks: Tool Sample:	2% G	1% O	77% W	20% M			Insurance
							Total

Time Set Packets	12:48 AM Aug 15 A.M.	Time Started Off Bottom	5:18 AM Aug 15 A.M.	Maximum Temperature	115
Initial Hydrostatic Pressure	(A)	2114 p.s.i.			
Initial Flow Period	Minutes	30 (B)	21 p.s.i. to (C)	266 p.s.i.	
Initial Closed In Period	Minutes	60 (D)	1214 p.s.i.		
Final Flow Period	Minutes	60 (E)	280 p.s.i. to (F)	436 p.s.i.	
Final Closed In Period	Minutes	120 (G)	1199 p.s.i.		
Final Hydrostatic Pressure	(H)	2091 p.s.i.			

Caution: Testing shall not be taken for damages of any kind to the property or personnel of the user for which a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or reports concerning the result of any test. Tools lost or damaged in the hole shall be paid for at once by the party for whom the test is made.



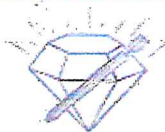
DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Lena Mai 3-29 Oct 2

TIME ON: 21:07 Aug 15
 TIME OFF: 06:53 Aug 16

Company	Berexco LLC	Lensa & Wel. No.	Lensa Mai 3-29
Contractor	Beredco Drilling	Charge to	Berexco LLC
Elevation	2852	Formation	Ft. Scott
Date	08/16/2014	Sec	29
Test Approved by	Ian Botmaijer	Diamond Representative	RICKY RAY
Formation Test No.	2	Interval Tested from	4501 ft. to 4524 ft.
Packer Depth	4496 ft.	Size	6 3/4 in.
Packer Depth	4501 ft.	Size	6 3/4 in.
Depth of Selective Zone Set			
Top Recorder Depth (Inside)	4463 ft.	Recorder Number	0062
Bottom Recorder Depth (Outside)	4505 ft.	Recorder Number	5954
Below Straddle Recorder Depth	ft.	Recorder Number	
Mud Type	CHEMICAL	Viscosity	50
Weight	9.15	Water Loss	11.6 cc.
Chlorides	5200 p.p.m.	Drill Pipe Length	5952 ft.
Jars: Make	STERLING	Serial Number	B'SP
Did Well Flow?	NA	Reversed Out	NA
Main Hole Size	7 7/8	Tool Joint Size	4 1/2 in.
Blow	1st Open: WSB	Blow Died Out	NO BB
	2nd Open: No Blow		NO BB
Recovered	3 ft. of M	100% M	
Recovered	ft. of		

Lease Well Flow?	Revised Unit	Maximum Length
Main Hole Size 7 7/8	Tool Joint Size 4 1/2 in	Surface Choke Size 7 in
Bottom Choke Size 5 3/8 in		
Blow 1st Open: WSB	Slow Died Out	NO BB
2nd Open: No Blow		NO BB
Recovered 3 ft. of M	100% M	
Recovered ft. of		
Recovered ft. of		
Recovered ft. of		
Recovered ft. of		Price Job
Recovered ft. of		Other Charges
Remarks: Tool Sample: 100% M		Insurance
		Total
Time Set Packer(s) 1:07AM Aug 16 A.M.	Time Started Off Bottom 4:07 AM Aug 16 P.M.	Maximum Temperature 111
Initial Hydrostatic Pressure (A)	2166 P.S.I.	
Initial Flow Period (B) Minutes	30	7 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period (D) Minutes	60	1006 P.S.I.
Final Flow Period (E) Minutes	30	12 P.S.I. to (F) 14 P.S.I.
Final Closed In Period (G) Minutes	60	889 P.S.I.
Final Hydrostatic Pressure (H)	2178 P.S.I.	

Caution: Testing shall not be taken for formation of any kind by the industry or personnel of the well where a test is made or for any loss of flow or sustained, or other, or indirectly, through the use of this equipment, or its statement or opinion concerning the result of any test. Tool joint or damaged or worn pipe shall be repaired or replaced by the party for whom the test is made.



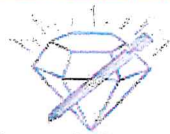
DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Lens Mai 3-29 Dst 3

TIME ON: 15:50 Aug 17
 TIME OFF: 00:56 Aug 18

Company: Berexco LLC	Lease & Well No: Lens Mai 3-29	
Contact: Beredco Drilling	Charge to: Berexco LLC	
Elevation: 2852	Formation: Morrow Sand	
Effective Pay	Fl. Ticket No. RR067	
Date: 08/18/2014	Sec: 28	
Top: 23 S Range	32 W County	
County: Franklin	State: KANSAS	
Test Approved By: Ian Bosma/jlr	Drillstem Representative: RICKY RAY	
Formation Test No. 3	Interval Tested from: 4777 ft. to 4785 ft.	
Total Depth: 4785 ft.		
Packer Depth: 4772 ft. Size: 6 3/4 in.	Packer depth: ft. Size: 6 3/4 in.	
Packer Depth: 4777 ft. Size: 6 3/4 in.	Packer depth: ft. Size: 6 3/4 in.	
Depth of Collector Zone Set		
Top Recorder Depth (Inside): 4759 ft.	Recorder Number: 0052 Cap: 5000 P.S.I.	
Bottom Recorder Depth (Outside): 4782 ft.	Recorder Number: 11048 Cap: 5100 P.S.I.	
Below Straddle Recorder Depth: ft.	Recorder Number: Cap: P.S.I.	
Mud Type: CHEMICAL Viscosity: 58	Drill Collar Length: 616 ft. I.D.: 2 1/4 in.	
Weight: 9.25 Water Loss: 9.2 cc.	Weight Pipe Length: 0 ft. I.D.: 2 7/8 in.	
Chlorides: 4300 P.P.M.	Drill Pipe Length: 4128 ft. I.D.: 3 1/2 in.	
Jars/Make: STIKLING Serial Number: B/SP	Test Tool Length: 33 ft. Tool Size: 3 1/2-4F in.	
Did Well Flow? NA Revised Out: NA	Anchor Length: 6 ft. Size: 4 1/2-FH in.	
Main Hole Size 7 7/8	Tool Joint Size 4 1/2 in	
Surface Choke Size 7 in	Bottom Choke Size 5 3/8 in	
Blow 1st Open: NO BLOW	Flush Tool (Didn't Help) Test Terminated	
2nd Open:		
Recovered 1 ft. of M	100% M	
Recovered ft. of		
Recovered ft. of		
Recovered ft. of		
Recovered ft. of	Price Job	
Recovered ft. of	Other Charges	
Remarks: Tool Sample: 100% M	Insurance	
	Total	
Time Set Packer(s) 8:51 PM Aug 17 A.M.	Time Started Off Bottom 9:30 PM Aug 17 P.M.	Maximum Temperature 113
Initial Hydrostatic Pressure (A)	2341 P.S.I.	
Initial Flow Period (B) Minutes	11	P.S.I. to (C) 14 P.S.I.
Initial Closed In Period (D) Minutes	10	P.S.I.

Time Set Packer(s)	8:51 PM Aug 17	A.M. P.M.	Time Started Off Bottom	9:30 PM Aug 17	A.M. P.M.	Maximum Temperature	113
Initial Hydrostatic Pressure	(A)			2341 P.S.I.			
Initial Flow Period	Minutes	(B)		11 P.S.I. to (C)		14 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)			2341 P.S.I.			

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the user for which a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement of opinion concerning the result of any test. Tools and or damaged in the hole shall be paid for at risk by the party when the test is made.



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKEY
 FILE: Lens Mai 3-28 Oct 1

TIME ON: 11:50
 TIME OFF: 23:27

Company **Berexco LLC** Lease & Well No. **Lens Mai 3-28**
 Contractor **Baredco Drilling** Charge to **Berexco LLC**
 Elevation **2852** Formation **Morrow Sand** Effective Pay _____ Ft. Ticker No. **RR068**
 Date **08/18/2014** Sec **28** Twp. **28 S Range** **32 W County** **Finley State** **KANSAS**
 Test Approved By **Ian Bosmaier** Diamond Representative **RICKY RAY**

Formation Test No. **4** Interval Tested from **4779 ft.** to **4795 ft.** Total Depth **4795 ft.**
 Packer Depth **4774 ft.** Size **6 3/4 in.** Packer depth _____ ft. Size **6 3/4 in.**
 Packer Depth **4779 ft.** Size **6 3/4 in.** Packer depth _____ ft. Size **6 3/4 in.**

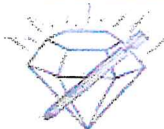
Depth of Selective Zone Set
 Top Recorder Depth (Inside) **4761 ft.** Recorder Number **0062** Cap. **5000 P.S.I.**
 Bottom Recorder Depth (Outside) **4782 ft.** Recorder Number **5054** Cap. **5000 P.S.I.**
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type **CHEMICAL** Viscosity **58** Drill Collar Length **816 ft.** I.D. **2 1/4 in.**
 Weight **9.25** Water Loss **9.2** cc. Weight Pipe Length **0 ft.** I.D. **2 7/8 in.**
 Choke/Size **4300 P.P.M.** Drill Pipe Length **4130 ft.** I.D. **3 1/2 in.**
 Jars: Make **STERLING** Serial Number **8/SP** Test Tool Length **33 ft.** Tool Size **3 1/2 in.**
 Did Well Flow? **NA** Revised Out **NA** Anvils Length **16 ft.** Size **4 1/2 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 1" **Blow BOB in 2 1/2 mins** **3 1/2 bb**
 2nd Open **NO Blow** built to 1/4 in 60 mins **NOBB**

Recovered **121 ft.** of GIP
 Recovered **30 ft.** of D **100% O** **27 @ 60 Deg**
 Recovered **372 ft.** of **GC w/ HWM** **6% G** **10% O** **34% W** **50% M**
 Recovered **165 ft.** of **SLGO w/ WCM** **4% G** **4% O** **10% W** **82% M**
 Recovered **589 ft.** of **Total Fluid** **RW: 12 @ 72 Deg** **Prior Job**
 Recovered _____ ft. of _____ **Chlorides: 80,000ppm** **Other Charges**
 Remarks: _____ **Ph: 7** **Insurance**
 Tool Sample: **2% G** **8% O** **65% W** **25% M** **Total**

Time Set Packer(s)	2:49 PM	A.M. P.M.	Time Started Off Bottom	7:19 PM	A.M. P.M.	Maximum Temperature	115
Initial Hydrostatic Pressure	(A)			2311 P.S.I.			
Initial Flow Period	Minutes	(B)		153 P.S.I. to (C)		280 P.S.I.	
Initial Closed In Period	Minutes	(D)		261 P.S.I.			
Final Flow Period	Minutes	(E)		261 P.S.I. to (F)		281 P.S.I.	
Final Closed In Period	Minutes	(G)		282 P.S.I.			
Final Hydrostatic Pressure	(H)			2302 P.S.I.			

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the user for which a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement of opinion concerning the result of any test. Tools and or damaged in the hole shall be paid for at risk by the party for whom the test is made.



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Lens Mai 3-29 Det 5

TIME ON: 10:55
 TIME OFF: 21:28

Company Berexco LLC Lease & Well No. Lens Mai 3-29
 Contractor Beredco Drilling Charge to Berexco LLC
 Elevation 2852 Formation St. Louis Effective Pay _____ Ft. Ticket No. RR009
 Date 08/19/2014 Sec. 28 Twp. 23 S Range 32 W County Finney State KANSAS
 Test Approved By Ran Bodmeijer Division Representative RICKY RAY

Formation Test No. 5 Interval Tested from 4803 ft. to 4830 ft. Total Depth 4830 ft.
 Packer Depth 4785 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4806 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set
 Top Recorder Depth (Inside) 4785 ft. Recorder Number 0062 Cap 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4808 ft. Recorder Number 5054 Cap 5000 P.S.I.
 Below Stretcher Recorder Depth _____ ft. Recorder Number _____ Cap _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 616 ft. I.D. 2 1/4 in.
 Weight 9.25 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5100 P.P.M. Drill Pipe Length 4154 ft. I.D. 3 1/2 in.
 Jars: Make STERLINGS Serial Number 8/SP Test Tool Length 33 ft. Tool Size 3 1/2-4 in.
 Did Well Flow? NA Reversed Out NA Archer Length 27 ft. Size 4 1/2-4 in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 7 in. Bottom Choke Size 5/8 in.

Flow 1st Open WSB Blow Died in 2 mins NOBB
 2nd Open NO Blow NOBB

Recovered _____ ft. of _____ 100% M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____ Price Job
 Recovered _____ ft. of _____ Other Charges
 Remarks: Tool Sample: 100% M Few Oil Specs Insurance

Time Set Packets) 1:51 PM A.M. P.M. Time Started Off Bottom 5:46 PM A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure _____ (A) 2299 P.S.I.
 Initial Flow Period _____ Minutes 30 (B) 10 P.S.I. to (C) 14 P.S.I.
 Initial Closed In Period _____ Minutes 60 (D) 290 P.S.I.
 Final Flow Period _____ Minutes 45 (E) 14 P.S.I. to (F) 31 P.S.I.
 Final Closed In Period _____ Minutes 120 (G) 251 P.S.I.
 Final Hydrostatic Pressure _____ (H) 2290 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or persons of the user for which a hole is made or for any loss, injury or sustained, direct or indirect, through the use of its equipment, or its installation or operation concerning the result of any test. Tests not to be repeated unless otherwise indicated by the parties to whom the test is made.

ROCK TYPES

- | | | | | | | | |
|--|--------------|--|--------------|--|----------------|--|-----------------|
| | Anhy | | Gyp | | Shgy | | Sandy |
| | Bent | | Igne | | Sltst | | Shale |
| | Brec | | Lmst | | Ss | | Sltstn |
| | Cht | | Meta | | Till | | Shlyslts |
| | Clyst | | Mrlst | | Carb sh | | Sltstn |
| | Coal | | Salt | | Dol | | Sltstn |
| | Congl | | Shale | | Dtd | | Sltstn |
| | Dol | | Shcol | | Gry sh | | Lms |

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

MINERAL

- Anhy
- Arggrm
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Mari
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sity

- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn

TEXTURE

- Boundst
- Chalky
- Cryxin
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

INTERVALS

- Core
- Dst

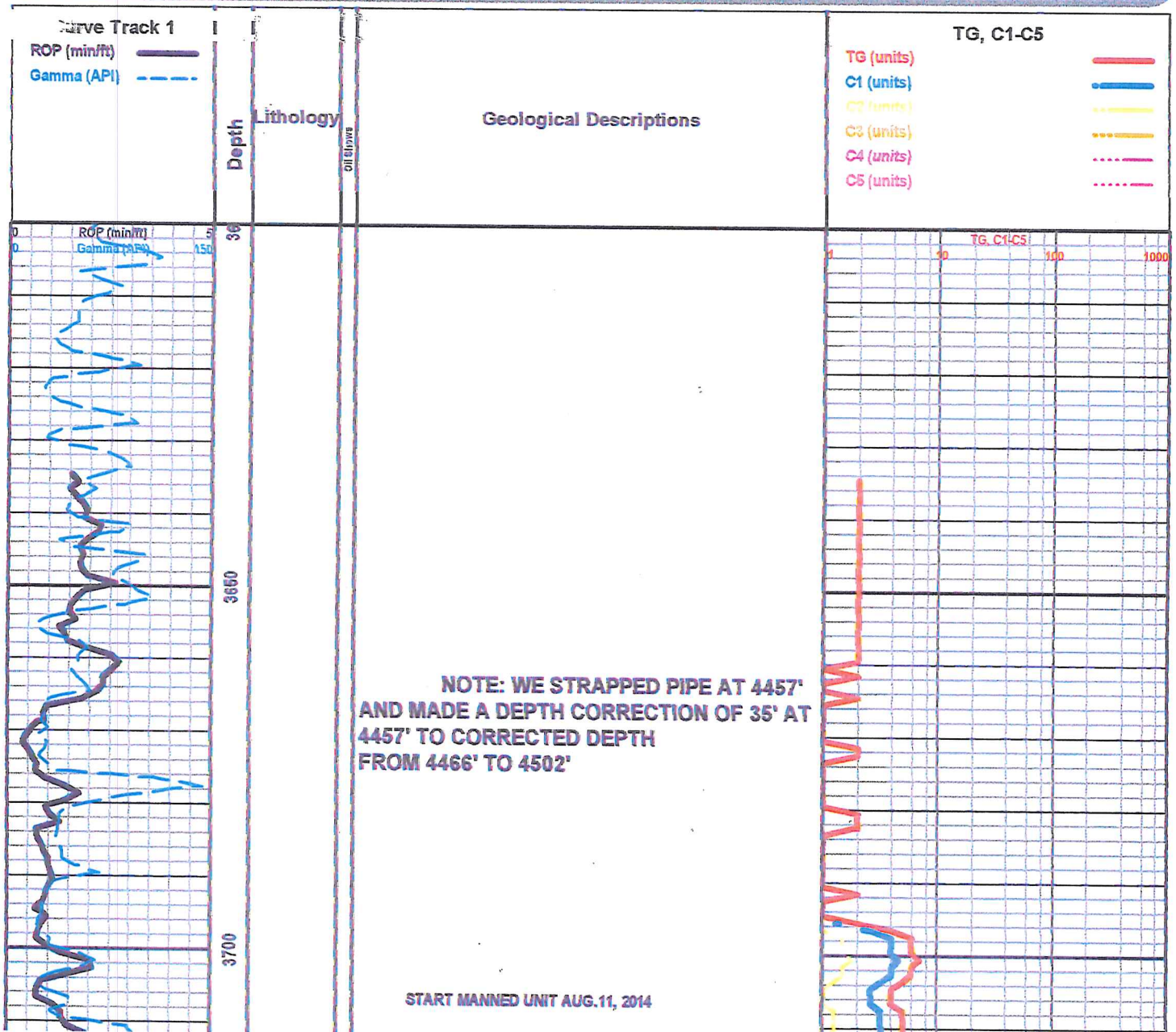
- Dst

OIL SHOWS

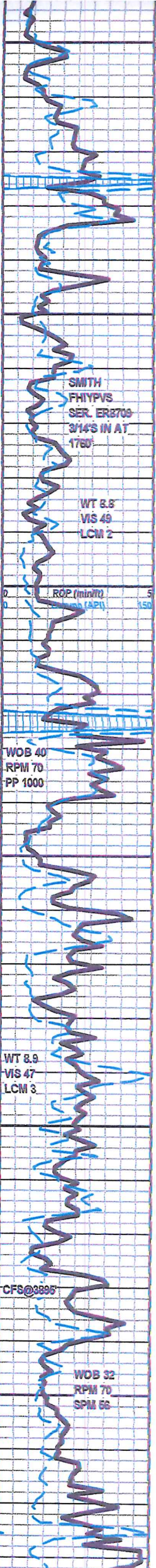
- Even
- Spotted

Ques

- Dead
- Gas show



START MANNED UNIT AUG.11, 2014



LS-CRM LT TN TN- HD V BRITT, MD-F-XLN, V RE-XLN MTRX, SMLL IMBD FOSS FRGS THRU, SMLL CALC XLS IMBD IP, TR MD SCAT IMBD OOL IP, LT YEL MIN FLO IP, PR VIS INTER-XLN INTER-FOX POR IP, NO VIS SHOW OR CUT

LS-OFF WHT CRM BFF- HD TO BRITT, MD-F-XLN RE-XLN MTRX, SCAT IMBD FOSS FRGS IP, LT TN TO WHT CHRT, SLI TR FRM WHT CHLK IP, LT YEL MIN FLO, NO VIS POR, NO VIS CUT OR SHOW

LS-OFF WHT WHT CRM - HD IP TO W SFT IP, V FRM TO SFT CHLKY MTRX, SLI TR FOSS FRGS IP, LT YEL MIN FLO IP, NO VIS POR, NOP VIS SHOW

HEEBNER 3825' - 971'

SH-BLK SFT CARB

TORONTO 3839' - 985'

3839-3862 LS-CRM BFF- HD BRITT - V SUCRO MTRX TO SUCRO S-CHLKY, ABDT FRM TO SFT WHT CHLK IP THRU, SLI TR FOSS FRGS IMBD IP, LT YEL MIN FLO, NO VIS POR NO VIS SHOW OR CUT

LANSING "A" 3871' -1017'

3872-3878 LS-OFF WHT CRM BFF- HD DNS TO BRITT, MD-XLN IP TO V SUCRO MTRX, ABDT SCAT FRM WHT CHLK, SMLL TO MD CALC XLS IMBD IP, ABDT IMBD ANG LM GRNS, LT YEL MIN FLO SCAT, PR VIS MICRO PP OR IP, NO VIS SHOW OR CUT

LS-CRM BFF LT TN - HD DNS TO TR BRITT, MD-FXLN RE-XLN IP, TR FOSS FRGS IP, WHT CHRT IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW OR CUT

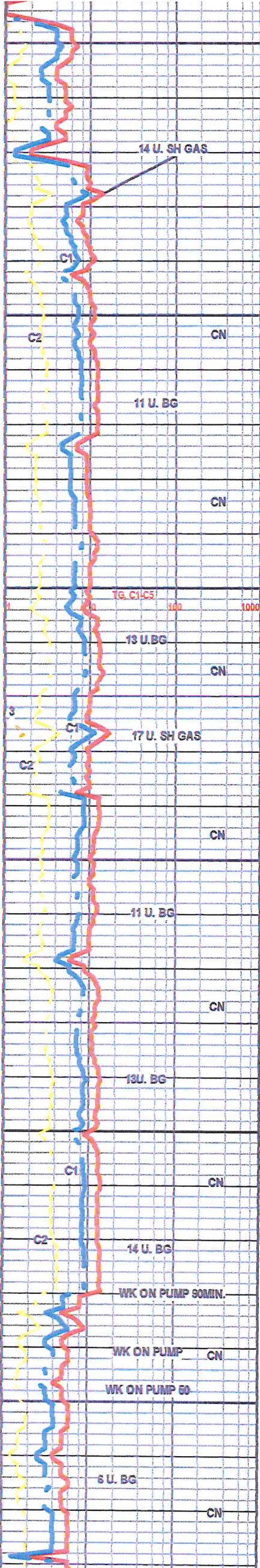
LANSING "B" 3917' -1063'

3917-3927 LS-OFF WHT CRM- HD IP TO FRM - MD-XLN IP, SLI TR FOSS FRGS IP TO ABDT FRM TO SFT WHT CHLK THRU, DLL YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

LANSING "C" 3939' - 1085'

3939-3962 LS-CRM BFF HD DNS IP TO V BRITT, MD-XLN RE-XLN MTRX TO V TT SUCRO IP, S-CHLKY TO CHLKY IP, DLL YEL MIN FLO SCAT IP TO NO FLO, SCAT PR MICRO PP POR IP, NO VIS SHOW OR CUT

LS-CRM LT TN - HD DNS F-W/F- XLN RE-XLN IP, SLI TR FOSS FRGS SCAT THRU, TR WHT LT TN CHRT, TR IMBD LT GY SH IP, DLL YEL MIN FLO IP, NO VIS POR, NO VIS CUT OR SHOW



14 U. SH GAS

11 U. BG

TG. C1-C5

13 U. BG

17 U. SH GAS

11 U. BG

13U. BG

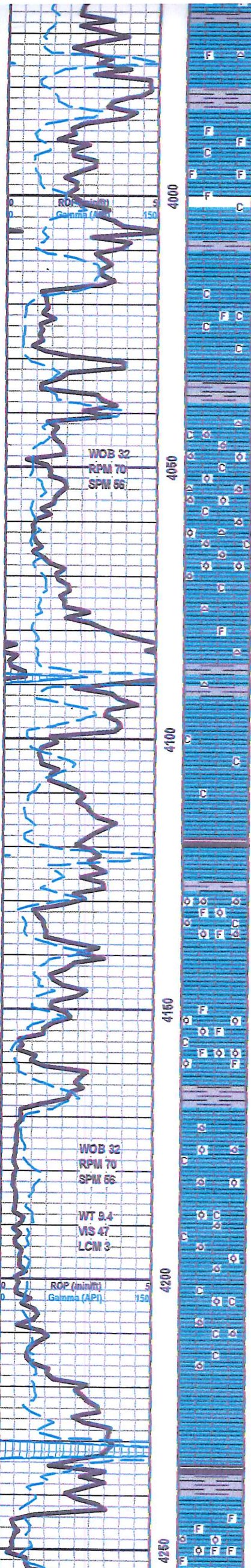
14 U. BG

WK ON PUMP 90MIN.

WK ON PUMP

WK ON PUMP 60

6 U. BG



LS-CRM LT TN - HD DNS F-WF-XLN RE-XLN IP, SLI TR FOSS FRGS SCAT THRU, TR WHT LT TN CHRT, TR IMBD LT GY SH IP, DLL YEL MIN FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LANSING "D" 3986' - 1132'

3986-3993' LS-CRM LT TN TN - HD DNS TO BRITT, MD-XLN, W RE-XLN MTRX, ABDT IMBD FOSS AND FOSS FRGS THRU, SLI TR IMBD WHT CHLK, TR IMBD SMLL CALC XLS IP, DLL YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

4017 - 4028' LS-OFF WHT TO CRM-MD HD TO FRM IP, W SUCRO TO SUCRO S-CHLKY MTRX, ABDT IMBD FRM TO SFT WHT CHLK, SLI TR FOSS FRGS IP, WVDLL YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

SH-LT TO MD GY FRM BLKY SMTH WXY TXT

4041' - 4067' LS-CRM LT TN TO OFF WHT - HD W BRITT, MD-XLN, W RE-XLN MTRX, W FOSS, W OOLMLD THRU, SCAT IMBD SMLL TO MD OOL THRU, ABDT IMBD FRM TO SFT WHT CHLK SCAT THRU, TR WHT REWRKD CHRT, BRIT YEL GLD FLO SCAT THRU, PR TO FR VIS OOLMLD POR SCAT THRU, PR SCAT INTER-FOSS POR IP, NO VIS CUT OR SHOW

LS-LT TN TN LT GY-HD DNS, WF-CRYPTO-XLN, RE-XLN IP, IMBD FOSS FRGS IP, TN WHT CHRT IP, TR IMBD SH IP, LT BRIT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW

LANSING "G" 4088' - 1234'

4088' - 4109' LS-CRM LT TN - HD DNS IP TO BRITT, F-XLN IP TO SUCRO S-CHLKY MTRX, HVY TR ABDT FRM TO SFT WHT CHLK, DLL YEL MIN FLO, SCAT PR VUG POR IP, NO VIS CUT OR SHOW

"H" 4120' - 1266'

4129' - 4137' LS-CRM LT TN - HD W BRITT, MD-XLN W RE-XLN MTRX, ABDT IMBD FOSS FRGS THRU, SCAT IMBD SMLL TO MD OOL, W OOLMLD, TR IMBD CHLKY OOL, SMLL TO MD CALC XLS IMBD THRU, LT BRIT YEL MIN FLO SCAT THRU TO DLL YEL MIN FLO IP, PR TO FR TO TR GD OOLMOLD POR SCAT THRU, PR

4162' - 4169' LS-TN DK TN - HD V. BRITT, MD-F-XLN, RE-XLN MTRX, W MICRO OOL THRU, W FOSS THRU, SMLL VRGTD CALC XLS IP, SLI TR WHT CHLK IP, W DLL YEL MIN FLO THRU, PR VIS INT-OOL POR IP, NO VIS CUT OR SHOW

"I" 4167' - 1313'

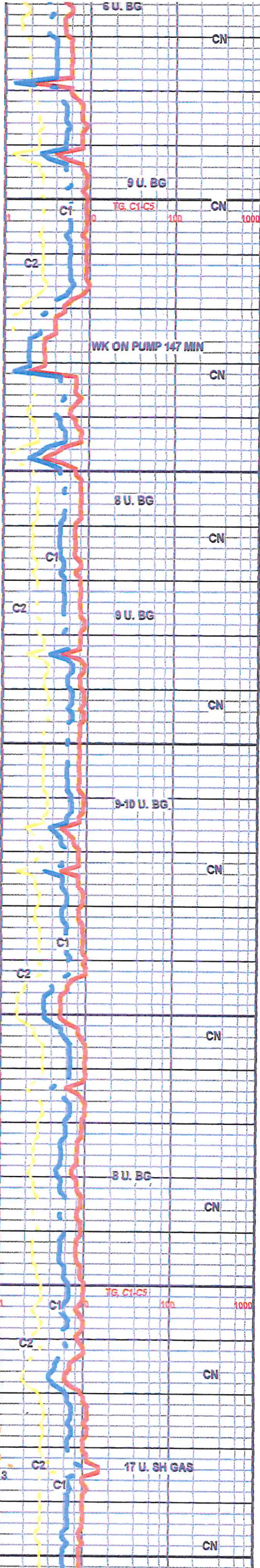
4167-4209' LS-CRM BFF - HD W BRITT, MD-F-XLN, W RE-XLN MTRX, W MICRO OOLMLD TO OOLMLD THRU, SCAT IMBD SMLL TO MD OOL, TR FOSS FRGS SCAT THRU, ABDT IMBD SFT WHT CHLK IP, HVY TR ABDT SFT WHT FREE CHLK IP, DLL YEL MIN FLO THRU, TR SCAT BRIT YEL MIN FLO IP, GD TO W GOOD OOLMLD POR THRU, PR TO FR VIS MICRO VUG POR SCAT IN 40%, NO VIS CUT OR SHOW

LS-CRM LT TN TN - HD DNS W TT SUCRO MTRX TO F-XLN IP, SLI TR IMBD SMLL OOL, TR SMLL CALC XLS IP BRIT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

KANSAS CITY "A" 4236' - 1382'

SH-BLK SFT CARB

4243' - 4254' LS-OFF WHT CRM BFF, HD W BRITT MD-XLN, W RE-XLN MTRX, ABDT IMBD FOSS THRU, SCAT IMBD SMLL TO MD OOL, TR OOL MLD IP, IMBD MD CALC XLS IP, HVY TR IMBD SFT



6 U. BG

9 U. BG

WK ON PUMP 147 MIN

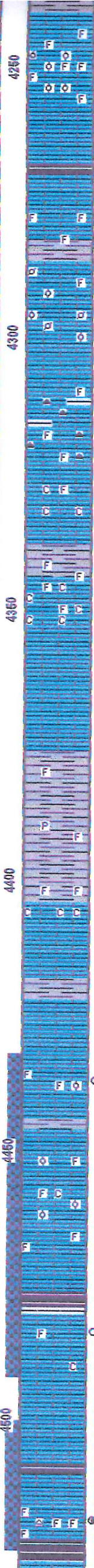
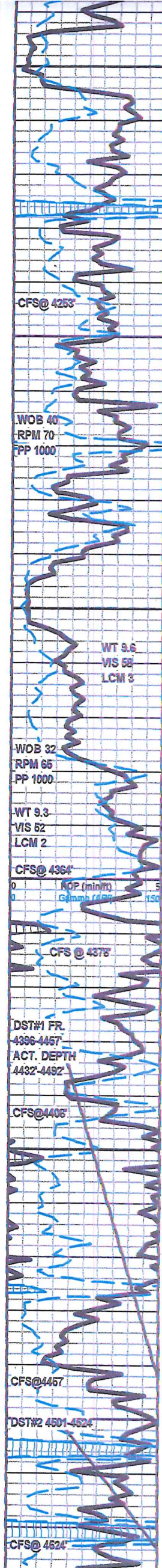
8 U. BG

9 U. BG

9-10 U. BG

8 U. BG

17 U. SH GAS



4243'-4254' LS-OFF WHT CRM BFF, HD W BRITT MD-XLN, VI RE-XLN MTRX, ABDT IMBD FOSS THRU, SCAT IMBD SMLL TO MD OOL, TR OOL MLD IP, IMBD MD CALC XLS IP, HVY TR IMBD SFT WHT CHLK IP, VI DLL YEL SPTTD MIN FLO IP, TR BRIT YEL MIN FLO IP, PR INTER-FOSS POR SCAT THRU, PR VIS MICRO VUG POR IP, TR PR OOLMLD POR IP, NO VIS SHOW OR CUT

KANSAS CITY "B" 4269' - 1415'

4274'-4281' LS-CRM LT TN TN - HD TO BRITT, MD-XLN RE-XLN MTRX, FOSS FRGS SCAT THRU, SMLL CALC XLS IMBD IP, SLI SUCRO IP, SLI TR IMBD SFT CHLK IP, BRIT YEL GLD FLO THRU, TR PR INTER-FOSS POR IP, NO FLN CUT, W PR RING CUT ON DISH

4283'-4300' LS-CRM LT TN TN - HD DNS TR BRITT, MD-F-XLN, ABDT IMBD PELT, SCAT IMBD SMLL TO MD OOL, TR FOSS FRGS IP, DLL YEL GLD SPTTD FLO IP, NO VIS POR, NO VIS SHOW

4300'-4312' LS-OFF WHT CRM-HD TO BRITT, VI TT SUCRO MTRX, SLI S-CHLKY IP, TR PHNTM FOSS FRGS IP, TN BRN CHRT, DLL YEL MIN FLO IP, N VIS POR, NO VIS SHOW OR CUT

4313'-4326' LS-GY DK GY-HD DNS WIF-CRYPTO-XLN, MOTT, IMBD FOSS FRGS IP, ABDT IMBD GY DK GY CHRT, IMBD DISS SH IP, NO FLO, NO VIS POR, NO VIS SHOW

4325'-4334' LS-OFF WHT CRM, FRM TO SFT, VI SUCRO S-CHLKY TO CHLKY MTRX, SLI TR FOSS FRGS IP, TR DLL YEL MIN FLO, NO VIS POR, NO VIS CUT

4343'-4355' -LS- HD DNS IP TO VI FRM, MD-XLN S-CHLKY IP GRDNG TO ABDT FRM TO SFT WHT CHLK, FOSS FRGS IMBD IP, VI DLL YEL MIN FLO IP TO NO FLO, NO VIS POR, NO VIS SHOW OR CUT

BKC 4366' - 1512'

LS-CRM LT TN TN - HD DNS TO SLI TR BRITT IP, MD-F-XLN, IMBD FOSS FRGS IMBD IP, SLI S-SUCRO IP, TR DISS PYR IP, TR IMBD LT GY SH IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH-LT TO MD GY-W SFT GMMY TX TO FRM BLKY SMTH TXT, GRDNG TO GREEN FRM BLKY SMTH WXT TXT

MARMATON 4403' - 1549'

4403'-4405' LS-CRM BFF OFF WHT-F-VF-XLN, RE-XLN IP, IMBD FOSS FRGS IP, SLI TR SMLL CALC XLS IP, ABDT FRM TO VI SFT CHLK IP, LT BRIT YEL MIN FLO IP TO DLL YEL FLO IP, NO VIS POR, NO VIS CUT OR SHOW

SH-LT TO MD GY - FRM BLKT SMTH TXT, SLI CALC

MARMATON "B" 4422' - 1568'

4433-4441-LS-LT TN LT BRN (DUE TO LT BRN OIL STN IN 30%) HD DNS TO BRITT IP, MD-XLN TO SLI SUCRO IP, IMBD FOSS FRGS IP, TR MICRO OOL IP, BRIT YEL GLD FLO IN 30%, BRIT MIN FLO IP, SLI TR PR INTER-XLN POR, WK TO FR FLN CUT IN 10%, FR SLO STRM CUT IN 30%, NO ODOR, NO STAIN ON DISH

LS-CRM LT TN-HD DNS SLI TR BRITT, MD-F-XLN, RE-XLN IP, ABDT IMBD FOSS, FOSS FRGS, TR SMLL OOL IMBD IP, TR SFT CHLK IP, DLL YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

PAWNEE 4477' - 1623'

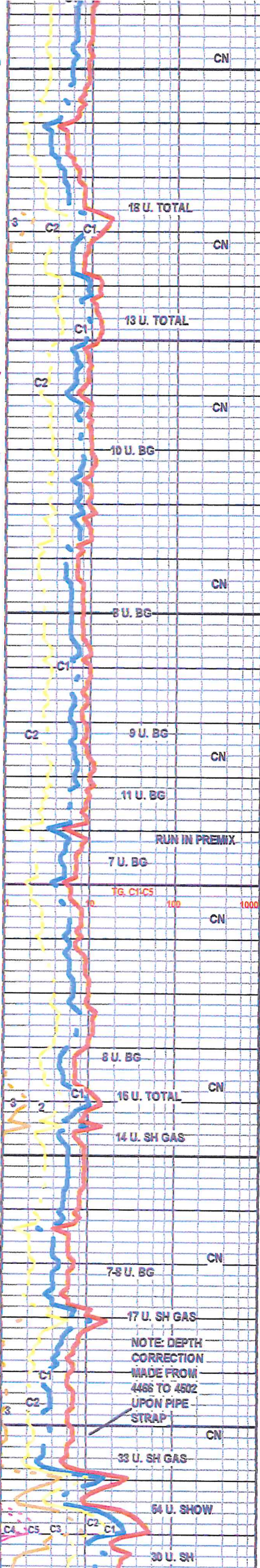
SH-BLK SFT CARB

4582'-4590' LS-CRM TN OFF WHT- HD DNS IP TO BRITT, MD-F-XLN, RE-XLN, IMBD ANG LM GRNS IP, TR IMBD FOSS IP, SMLL TO MD CALC XLS IMBD IP, GRDNG TO SUCRO S-CHLKY IP, LT BRIT YEL MIN FLO THRU, TR DLL YEL GLD FLO IP, TR INTER-XLN POR IP, NO FLN CUT, VI LT RING CUT ON DISH

FT. SCOTT 4510' - 1656'

SH- BLK SFT CARB

LS-CRM LT TN (LT TN STN IP) - HD W BRITT- MD-XLN TO SUCRO IP, ABDT IMBD FOSS FRGS IP, ABDT SCAT FREE FOSS, TR LT TN CHRT IP, FRM WHT CHLK IP, DLL YEL GLD FLO IN 30%, BRIT YEL MIN FLO IP, PR TO TR FR VIS INTER-FOSS POR IP, LT FLN CUT TO FR SLO STRM CUT NO ODOR



18 U. TOTAL

13 U. TOTAL

10 U. BG

8 U. BG

9 U. BG

11 U. BG

RUN IN PREMIX

7 U. BG

16 U. TOTAL

14 U. SH GAS

8 U. BG

16 U. TOTAL

14 U. SH GAS

7-8 U. BG

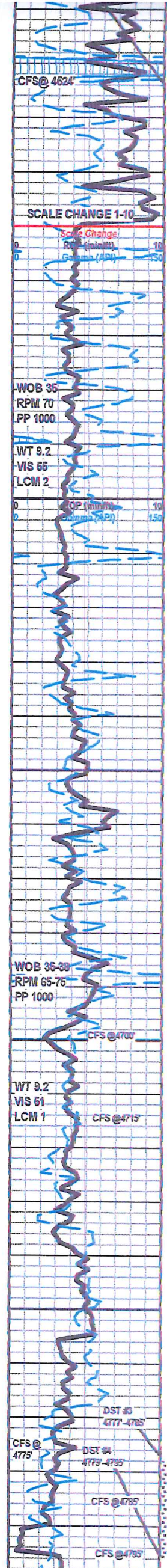
17 U. SH GAS

NOTE: DEPTH CORRECTION MADE FROM 4466 TO 4502 UPON PIPE STRAP

33 U. SH GAS

64 U. SHOW

30 U. SH



LS-CRM LT TN (LT TN STN IP) - HD V BRITT - MD-XLN TO SUCRO IP, ABDT IMBD FOSS FRGS IP, ABDT SCAT FREE FOSS, TR LT TN CHRT IP, FRM WHT CHLK IP, DLL YEL GLD FLO IN 30%, BRIT YEL MIN FLO IP, PR TO TR FR VIS INTER-FOSS POR IP, LT FLSH CUT TO FR SLO STRM CUT, NO ODOR

CHEROKEE 4526' -1672'

LS- WHT CRM GY, HD TO TR SFT, F-XLN TO SLI SUB-CHLKY IP, IMBD FOSS FRAG IP, V SHLY IP, FRM CHLK IP, TR WHT CHRT, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS- WHT GY CRM, HD DNS, TR BRITT, F-XLN, SUB-CHLKY, TR RE-XLN, ARG TO SHLY, IMBD FOSS FRAG IP, TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS- CRM TN, HD DNS, MOTT, F-XLN TO MD XLN IP, V SHLY IP, TR IMBD FOSS FRAG, TR CHRT IN TRAY, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM TN OFF WHT, HD DNS, F-XLN TO SUB-CHLKY, TR WHT CHRT IN TRAY, TR IMBD OOL, TR IMBD PYR, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

ATOKA 4608' -1754'

LS- OFF WHT TO TN, HD DNS TO TR BRITT, FN-MD XLN, SUB-CHLKY IP, TR FOSS FRAG, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS- CRM TN TO OFF WHT, (SPTD BLK TAR STN 1%), HD TO BRITT, CRYPTO-FN XLN, TR RE-XLN, SCAT CHRT IN TRAY, TR SFT WHT CHLK, IMBD & FREE FOSS, DLL YEL MIN FLO IN 10%, NO VIS CUT

LS- CRM TO TN, OFF WHT IP, HD TO BRITT, CRYPTO- FN XLN, TR RE-XLN, TR IMBD FOSS FRAG, TR CRM TO TN CHRT IN TRAY, FRM TO SFT CHLK IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM TN TO OFF WHT, HD DNS, F-XLN TO SLI SUB-CHLKY, ARG TO SHLY IP, TR TN CHRT IN TRAY, TR FOSS FRAG, FRM TO SFT CHLK IP, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

MORROW 4690' -1836'

SH- GRN TO GY, BLK IP, SFT GMMY FRM IP, SMTH TO SLI SLTY TXT

SS- GY TO FRSTY, HD TT, DNS, WPR FRI IP, FN-MD GRN, S-RND GRNS, ABDT CALC CMNT, GLAUC IP, V SLTY TO SHLY IP, PR INTER-GRN POR IP, NO VIS CUT OR SHOW

SH- GRN TO GY, TR BLK, FRM TO SFT GMMY, TR IMBD F-GRN QRTZ, SLI SLTY IP, TR CHLKY LS, TR CHRT

LS- CRM TO TN, HD TO BRITT SFT IP, CRYPTO- FN XLN, ABDT GMMY SH IN TRAY, TR ABDT IMBD F-GRN QRTZ, TR IMBD FOSS FRAG, CRM TO TN CHRT IN TRAY, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- LT GY TO LT GRN, GMMY SFT, SMTH TO SLTY TXT

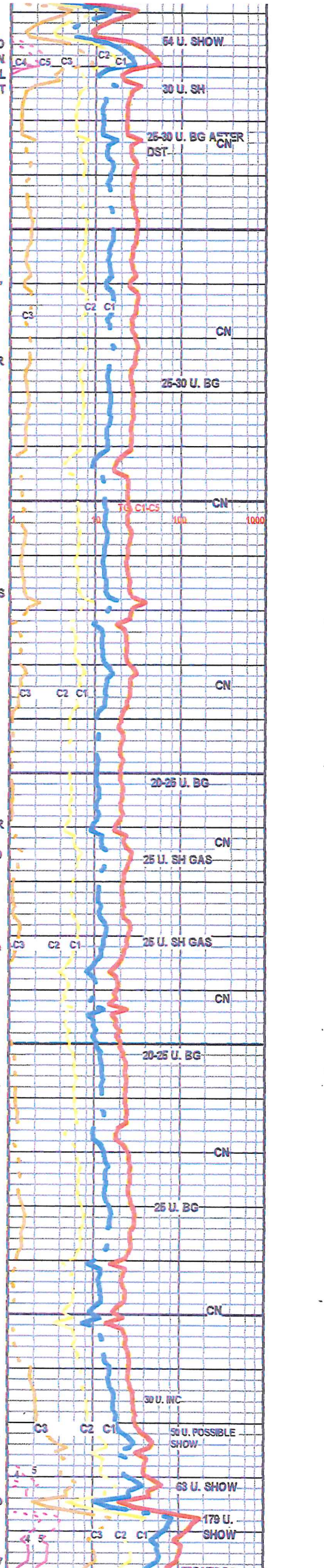
SS- GY TO FRSTY, HD TT, SLI FRI IP, FN-MD GRN, S-RND GRNS, ABDT CALC CMNT, GLAUC IP, TR PYR IP, V SLTY TO SHLY IP, WPR INTER-GRN POR IP, NO FLO, NO VIS CUT OR SHOW

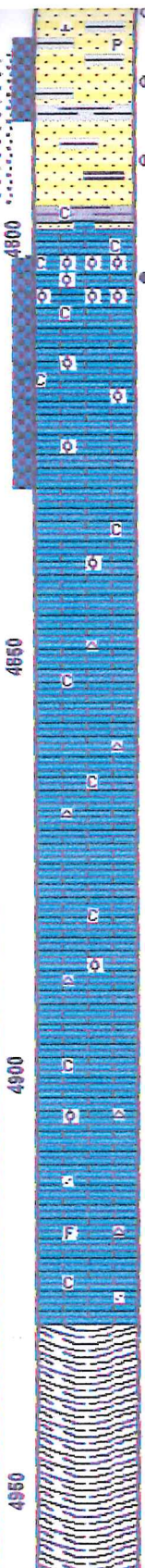
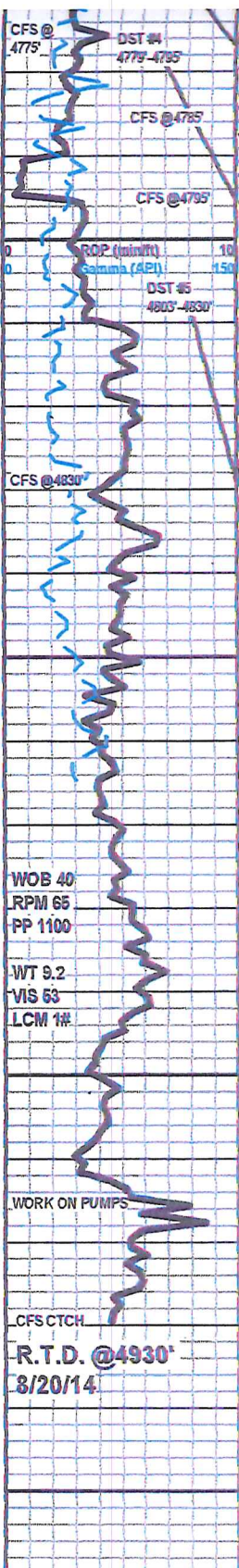
SH- LT GY, GMMY SFT, SMTH TO SLTY TXT

SS- GY TO FRSTY, HD TT, SLI FRI IP, FN-MD GRN, FR-WLL SRT, S-RND GRNS, ABDT CALC CMNT IP, TR PYR IP, V SLTY IP, FR- FR INTER-GRN POR IP, TR BRIT YEL FLD, WLT RING CUT, NO SLW STRM CUT

4780-4795 SS- FRSTY TO LT TN (OIL STN IN 25%), LT GY IP, W FRI TO TR HD, UNCONSOLIDATED GRNS IP, FN-MD-CRS GRN, FR-FR SRT, S-RND GRNS, TR TO ABDT IMBD SLT, GLD FLO IN 20%, FR-GD INTER-GRN POR, GD FLSH CUT, GD SLW STRM CUT, LT TN LCH ON DISH, W GD ODOR

4780-4795 SS- FRSTY LT GY TO LT TN, (DUE TO OIL STN IN 10%), W FRI TO FRM, UNCONSOLIDATED GRNS IP, F-MD-CRS GRN, FR SRT, S-RND GRNS, SHLY IP, LMINTD SH IP, SLI CHLKY IP, FR-GD INTER-GRN POR, FR-GD FLSH CUT, GD SLW STRM CUT 1.6D ODOR





ABDT CALC CMNT IP, TR PYR IP, WSLTY IP, PR-FR INTER-GRN POR IP, TR BRIT YEL FLO, WLT RING CUT, NO SLW STRM CUT

4760'-4780' SS-FRSTY TO LT TN (OIL STN IN 25%), LT GY IP, WFRI TO TR HD, UNCONSOLIDATED GRNS IP, FN-MD-CRS GRN, PR-FR SRT, S-RND GRNS, TR TO ABDT IMBD SLT, GLD FLO IN 20%, FR-GD INTER-GRN POR, GD FLSH CUT, GD SLW STRM CUT, LT TN LCH ON DISH, W GD ODOR

4790'-4795' SS-FRSTY LT GY TO LT TN, (DUE TO OIL STN IN 10%), WFRI TO FRM, UNCONSOLIDATED GRNS IP, F-MD-CRS GRN, FR SRT, S-RND GRNS, SHLY IP, LMNTD SH IP, SLI CHLKY IP, FR-GD INTER-GRN POR, FR-GD FLSH CUT, GD SLW STRM CUT, GD ODOR

ST. LOUIS 4800' -1946'

4800'-4810' LS-WHT TO DK TN, (DUE TO DRK BRN OIL STN IN 50%) BRITT SFT TO HD IP, SUB-CHLKY TO SLI RE-XLN, ABDT IMBD OOL IP, LRG CALC XLS IP, SPTTD BRIT YEL GLD FLO IN 25%, FR INTER-OOL POR IN 25%, GD FLSH CUT, GD MLKY BLUE SLW STRM CUT IN 25%, FR-GD ODOR

LS-OFF WHT TO CRM, HD DNS TO BRITT IP, FN-MD XLN, SUB-CHLKY IP, ABDT IMBD OOL IP, FRM TO SFT CHLK IP, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

LS-WHT TO OFF WHT, HD DNS TO BRITT IP, FN-MD XLN, SUB-CHLKY IP, TR IMBD OOL, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS-OFF WHT TO CRM, HD DNS TO BRITT IP, F-XLN TO SUB-CHLKY, TR WHT TO CRM CHRT IN TRAY, TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS-OFF WHT TO CRM, TR LT TN, HD TO BRITT, DNS TO SUB-CHLKY IP, FN-MD XLN, TR RE-XLN, TR IMBD OOL, SFT WHT CHLK IP, TR WHT TO CRM CHRT IN TRAY, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS-OFF WHT TO CRM, LT TN, HD DNS TO BRITT IP, F-XLN TO SLI SUB-CHLKY IP, TR RE-XLN, TR IMBD OOL, TR WHT CHRT IN TRAY, TR SFT WHT CHLK, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS-OFF WHT TO CRM LT TN, HD TO BRITT, TR SFT, FN-MD XLN, SLI SUB-CHLKY IP, IMBD FOSS FRAG IP, TR SFT WHT CHLK, TR WHT TO CRM CHRT, TR IMBD QRTZ, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LOGS: HALLIBURTON-LIBERAL, KS

