



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076871
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: _____

1076871

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	Lang NCR 6
Doc ID	1076871

Tops

Name	Top	Datum
Anhydrite	816	+1071
Topeka	2694	-807
35' Topeka	2728	-841
Heebner	2970	-1083
Toronto	2990	-1103
Lansing/KS City	3064	-1176
Arbuckle	3336	-1449
RTD	3400	
LTD	3403	

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Lang NCR 6
Doc ID	1076871

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3090-3100 LKC B	1500 gals 15% NEFE	3090-3100
4	3132-3135 LKC E	750 gals 15% NEFE	3132-3135
4	3146-3150 LKC F	750 gals 15% NEFE	3146-3150
4	3220-3225 LKC I	1000 gals 15% NEFE, 2000 gals 20% NEFE (chemically retarded)	3220-3225
		bull-plugged AD-1 Packer set at 3307	3307
4	3338-3341 Arbuckle	natural	3338-3341

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

well file 5435

Date	7-30-12	Sec.	30	Twp.	15	Range	12	County	Russell	State	KS	On Location		Finish	7:00pm				
Lease	Lang Well	Well No.	6	Location															
Contractor	Beredco	Owner										To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	Surface	T.D.										Charge To Borexco LLC							
Hole Size	12 1/4	Depth										276							
Csg.	8 5/8	Depth																	
Tbg. Size		Depth																	
Tool		City										State							
Cement Left in Csg.	20 ft	Shoe Joint										The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line		Displace										116.30							
												Cement Amount Ordered				270 sk 3% CC 2% Gel			
EQUIPMENT																			
Pumptrk	No.	8	David										Common 270						
Bulktrk	No.	9	mike										Poz. Mix						
Bulktrk	No.												Gel. 5						
Pickup	No.												Calcium 10						
JOB SERVICES & REMARKS																			
Rat Hole											Hulls								
Mouse Hole											Salt								
Centralizers											Flowseal								
Baskets											Kol-Seal								
D/V or Port Collar											Mud CLR 48								
											CFL-117 or CD110 CAF 38								
											Sand								
											Handling 285								
											Mileage 25								
FLOAT EQUIPMENT																			
											Guide Shoe								
											Centralizer								
											Baskets								
											AFU Inserts								
											Float Shoe								
											Latch Down								
											Pumptrk Charge Surface								
											Mileage 25								
												Tax							
												Discount							
												Total Charge							
X Signature <i>[Signature]</i>																			

ALLIED OIL & GAS SERVICES, LLC

056957

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
RUSSELL

WELL FILE
WELL FILE

DATE <u>2-8-12</u>	SEC. <u>30</u>	TWP. <u>S 15</u>	RANGE <u>12^W</u>	CALLED OUT	ON LOCATION	JOB START <u>6 AM</u>	JOB FINISH <u>6:30 AM</u>	
LEASE <u>LANG VER</u>		WELL # <u>6</u>	LOCATION <u>Bunker Hill - SOUTH TO</u>			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>Michael's Rd - 4th - N&W INTO</u>					

CONTRACTOR <u>Beredco #10</u>	OWNER
TYPE OF JOB <u>5 1/2" dv LONG STRING</u>	
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH <u>3406</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>dv-tool</u>	DEPTH <u>821 FT</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>76.03 FT</u>	
PERFS.	
DISPLACEMENT <u>81.25</u>	

CEMENT	AMOUNT ORDERED

COMMON	<u>75</u>	@	<u>16.25</u>	<u>1218.75</u>
POZMIX	<u>50</u>	@	<u>8.50</u>	<u>425.00</u>
GEL	<u>11</u>	@	<u>21.25</u>	<u>233.75</u>
CHLORIDE		@		
ASC	<u>200</u>	@	<u>15.00</u>	<u>3000.00</u>
GILSONITE	<u>1000</u>	@	<u>0.89</u>	<u>890.00</u>
FLO-SEAL	<u>32</u>	@	<u>2.7</u>	<u>86.4</u>
		@		
SUPER FLUSH	<u>504</u>	@	<u>1.27</u>	<u>640.08</u>
		@		
		@		
		@		
HANDLING	<u>348</u>	@	<u>2.25</u>	<u>783.00</u>
MILEAGE	<u>21 x 348 x .11</u>			<u>803.88</u>
Drayage	<u>7308</u>			
TOTAL				<u>8080.86</u>

EQUIPMENT	
PUMP TRUCK # <u>409</u>	CEMENTER <u>Bob Smith</u>
	HELPER <u>TONY</u>
BULK TRUCK # <u>378</u>	DRIVER <u>RON</u>
BULK TRUCK # <u>481</u>	DRIVER <u>CHRIS</u>

REMARKS:

pumped - 125 sk 60/40/8% + 1/4" flo-seal
pumped - 200 sk ASC + 5# KOL-SEAL
dv tool opened - RIG CIRCULATING
1400 PSI

SERVICE

DEPTH OF JOB	<u>3406</u>
PUMP TRUCK CHARGE	<u>2225.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>H 21 @ 7.00 = 147.00</u>
MANIFOLD	<u>Plug @ 250.00 = 0</u>
	<u>Ldv 21 @ 4.00 = 84.00</u>
	@
TOTAL	<u>2372.00</u>

CHARGE TO: BEREXCO
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

TURBOLIZERS	<u>13</u>	@	<u>65.00</u>	<u>845.00</u>
STOP RING	<u>1</u>	@		<u>30.00</u>
BASKETS	<u>2</u>	@	<u>178.00</u>	<u>356.00</u>
AFU FLOAT Shoe	<u>1</u>	@		<u>232.00</u>
DV-TOOL	<u>1</u>	@		<u>2832.00</u>
TOTAL				<u>4295.00</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.

SALES TAX (If Any) _____
TOTAL CHARGES 14747.86
DISCOUNT 24% IF PAID IN 30 DAYS

PRINTED NAME _____
SIGNATURE Aennis Kimer

ALLIED OIL & GAS SERVICES, LLC

056958

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
RUSSELL

DATE <u>2-8-12</u>	SEC. <u>30</u>	TWP. <u>5</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START <u>9 AM</u>	JOB FINISH <u>9:30 AM</u>
WELL FILE							
LEASE <u>LAMB MCR</u>	WELL # <u>6</u>	LOCATION <u>VEC Bunker Hill</u>			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Beredco #10

TYPE OF JOB 5/2 dv Production

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH 3406

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL dv-tool DEPTH 821

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 0

PERFS.

DISPLACEMENT 20.03 bbl

OWNER

CEMENT AMOUNT ORDERED 360 sk 60% 40 8% GA 1/4 # flo-seal

COMMON	<u>180</u>	@	<u>16.25</u>	<u>2925.00</u>
POZMIX	<u>120</u>	@	<u>8.50</u>	<u>1020.00</u>
GEL	<u>24</u>	@	<u>21.25</u>	<u>510.00</u>
CHLORIDE		@		
ASC		@		
<u>FLO-SEAL</u>	<u>88</u>	@	<u>2.70</u>	<u>237.60</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>328</u>	@	<u>2.25</u>	<u>738.00</u>
MILEAGE	<u>21 x 328 x .11</u>			<u>757.68</u>
<u>Drayage</u>	<u>6888</u>			
TOTAL				<u>6188.28</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bob Smith

409 HELPER TONY

BULK TRUCK DRIVER RON

473

BULK TRUCK DRIVER

SERVICE

DEPTH OF JOB	<u>3406</u>		
PUMP TRUCK CHARGE			<u>222.50</u>
EXTRA FOOTAGE		@	
MILEAGE		@	
MANIFOLD		@	
		@	
		@	
TOTAL <u>222.50</u>			

REMARKS:

pumped 300 sk
cmt circulated to surface
dv-tool closed 1500 PSI

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL <u>0</u>		

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.

SALES TAX (If Any) _____

TOTAL CHARGES 8413.28

DISCOUNT 24% IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Devin Kelley

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 22, 2012

Bruce Meyer
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-167-23770-00-00
Lang NCR 6
SE/4 Sec.30-15S-12W
Russell County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Bruce Meyer



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: Bryon Bynog

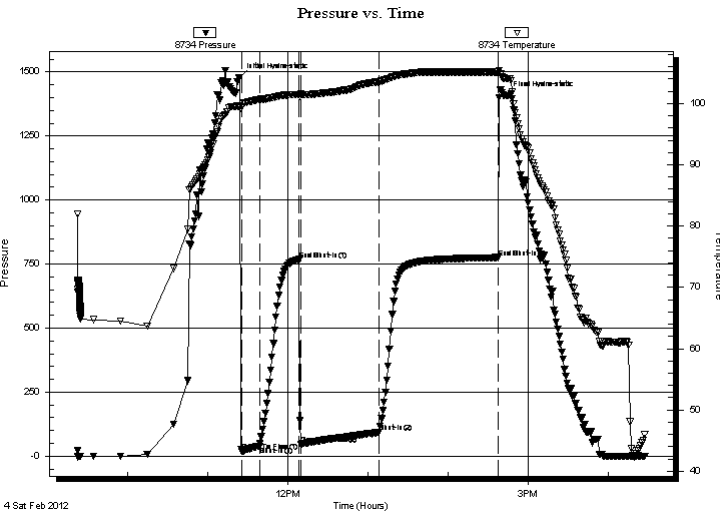
30 15s 12w Russell
LANG NCR # 6
Job Ticket: 46278 **DST#: 1**
Test Start: 2012.02.04 @ 09:22:57

GENERAL INFORMATION:

Formation: **LKC B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:25:57
Time Test Ended: 16:27:27
Interval: **3078.00 ft (KB) To 3100.00 ft (KB) (TVD)**
Total Depth: 3100.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Cody / JIM / Brian
Unit No: 41
Reference Elevations: 1887.00 ft (KB)
1877.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8734 Outside
Press @ Run Depth: 93.12 psig @ 3079.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.02.04 End Date: 2012.02.04 Last Calib.: 2012.02.04
Start Time: 09:22:58 End Time: 16:27:27 Time On Btm: 2012.02.04 @ 11:24:27
Time Off Btm: 2012.02.04 @ 14:43:27

TEST COMMENT: IF - BOB 2.5 min
ISI - .75 blow back-died in 10 min
FF - BOB open
FSI - 3" blow back - died 7 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1479.28	99.47	Initial Hydro-static
2	19.40	99.53	Open To Flow (1)
15	38.88	100.64	Shut-In(1)
45	768.14	101.50	End Shut-In(1)
46	44.92	101.54	Open To Flow (2)
104	93.12	103.56	Shut-In(2)
194	775.59	105.14	End Shut-In(2)
199	1408.02	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	GHOCM 5%G, 40%O, 55%M	1.06
0.00	1270 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: Bryon Bynog

30 15s 12w Russell
LANG NCR # 6
Job Ticket: 46278 **DST#: 1**
Test Start: 2012.02.04 @ 09:22:57

Mud and Cushion Information

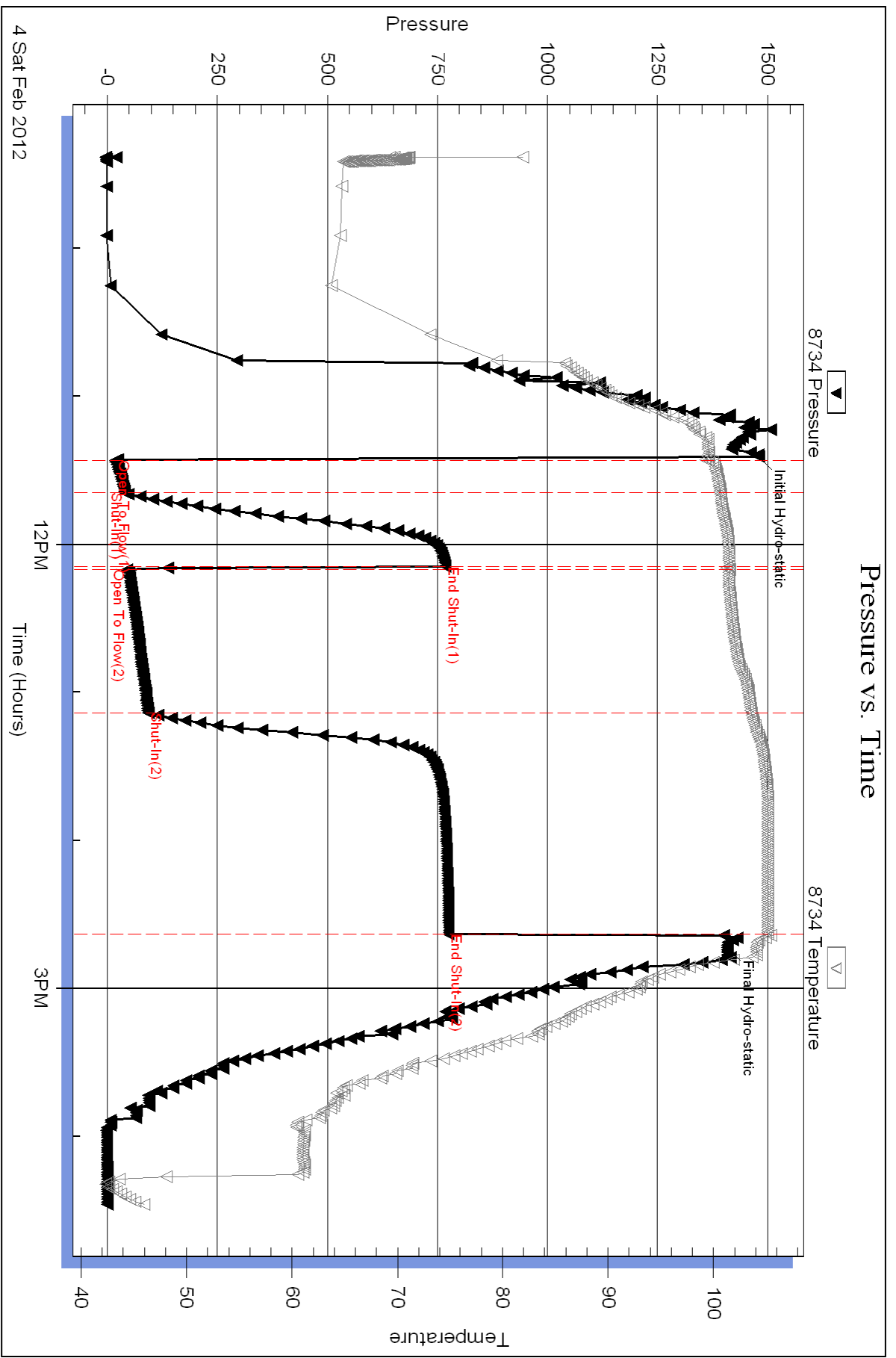
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
215.00	GHOCM 5%G, 40%O, 55%M	1.057
0.00	1270 GIP	0.000

Total Length: 215.00 ft Total Volume: 1.057 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: Bryon Bynog

30 15s 12w Russell
LANG NCR # 6
Job Ticket: 46417 **DST#: 2**
Test Start: 2012.02.05 @ 01:54:04

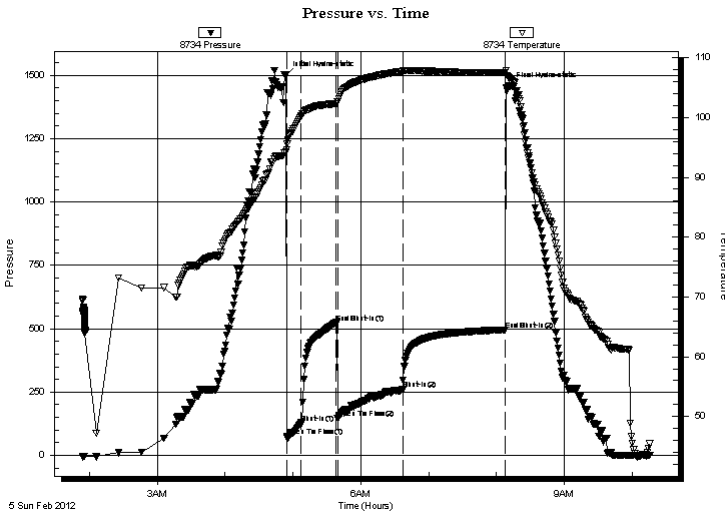
GENERAL INFORMATION:

Formation: **LKC "F-G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:55:04
Time Test Ended: 10:16:04
Interval: 3120.00 ft (KB) To 3147.00 ft (KB) (TVD)
Total Depth: 3147.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: BRIAN
Unit No: 41
Reference Elevations: 1887.00 ft (KB)
1877.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8734 Outside
Press @ RunDepth: 259.57 psig @ 3124.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.02.05 End Date: 2012.02.05 Last Calib.: 2012.02.05
Start Time: 01:54:05 End Time: 10:16:04 Time On Btm: 2012.02.05 @ 04:53:34
Time Off Btm: 2012.02.05 @ 08:11:04

TEST COMMENT: IFP- BOB 45 sec
ISIP- BOB 3 min
FFP- BOB 3 min GTS 60 min
FSIP- BOB 2 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1500.71	94.21	Initial Hydro-static
2	74.63	95.62	Open To Flow (1)
14	127.39	100.12	Shut-In(1)
45	522.92	102.31	End Shut-In(1)
46	145.21	102.70	Open To Flow (2)
104	259.57	107.74	Shut-In(2)
194	495.97	107.54	End Shut-In(2)
198	1456.66	106.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	MW 85%W, 15%M	0.93
60.00	GW & MCO 10%G, 70%O, 10%W, 10%M	0.30
190.00	FREE OIL 95%O, 5%M	0.93
45.00	HGOCM 45%G, 25%O, 30%M	0.22
50.00	HOCM 30%O, 70%M	0.25

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: Bryon Bynog

30 15s 12w Russell
LANG NCR # 6
Job Ticket: 46417 **DST#: 2**
Test Start: 2012.02.05 @ 01:54:04

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

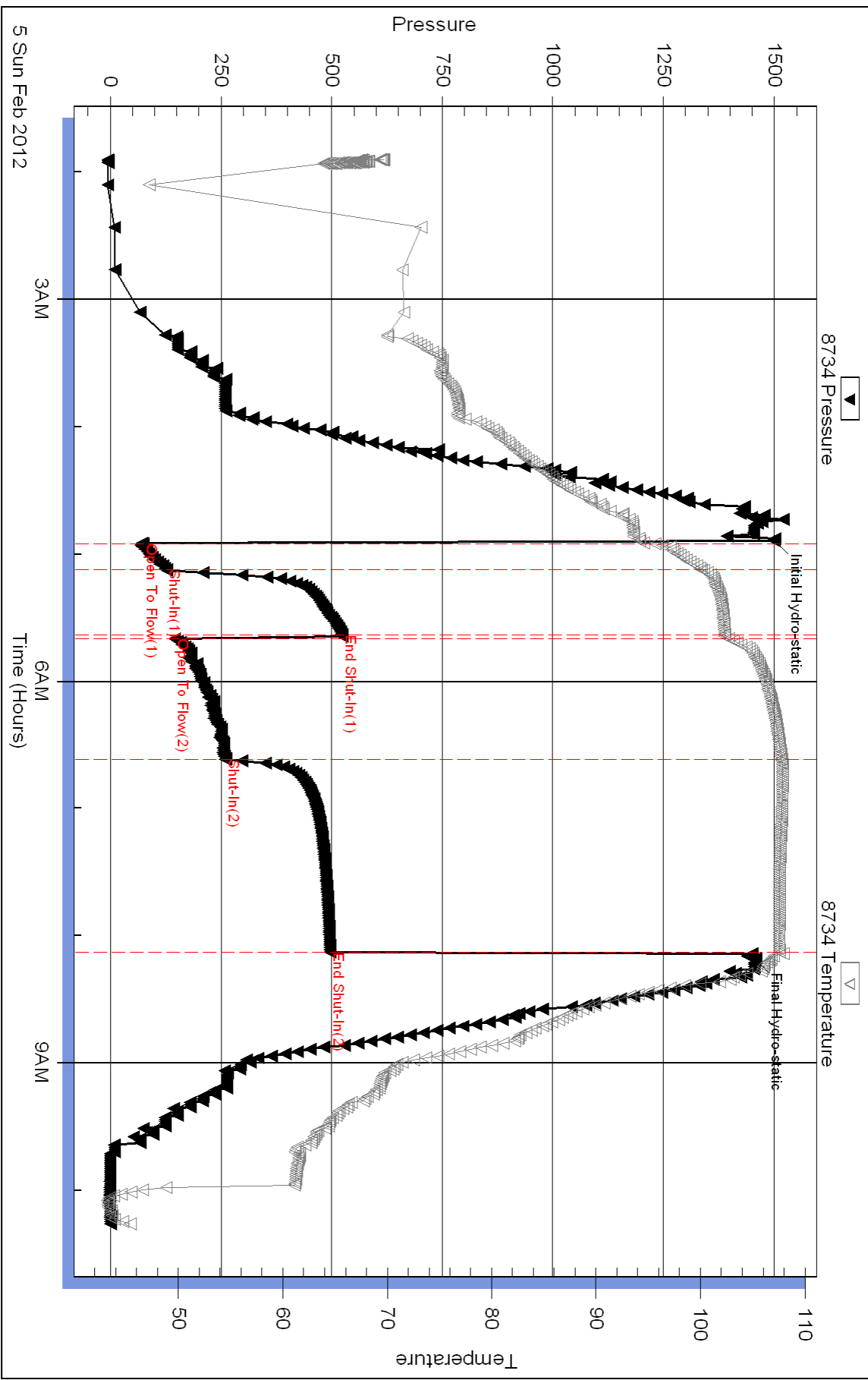
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	MW 85%W, 15%M	0.934
60.00	GW & MCO 10%G, 70%O, 10%W, 10%M	0.295
190.00	FREE OIL 95%O, 5%M	0.934
45.00	HGOCM 45%G, 25%O, 30%M	0.221
50.00	HOCM 30%O, 70%M	0.246

Total Length: 535.00 ft Total Volume: 2.630 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: GTS

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206-1094
 ATTN: Bryon Bynog

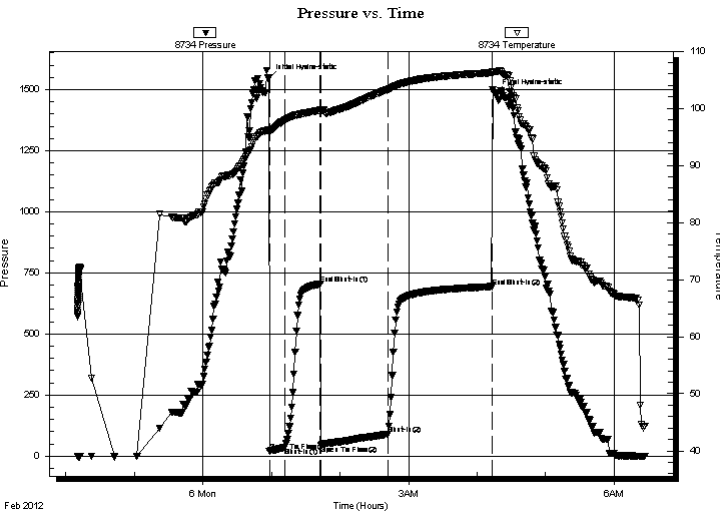
30 15s 12w Russell
LANG NCR # 6
 Job Ticket: 46418 **DST#: 3**
 Test Start: 2012.02.05 @ 22:10:10

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:58:10
 Time Test Ended: 06:26:40
 Interval: **3210.00 ft (KB) To 3250.00 ft (KB) (TVD)**
 Total Depth: 3250.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 1887.00 ft (KB)
 1877.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8734 Outside
 Press @ Run Depth: 89.58 psig @ 3213.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.05 End Date: 2012.02.06 Last Calib.: 2012.02.06
 Start Time: 22:10:11 End Time: 06:26:40 Time On Btm: 2012.02.06 @ 00:57:10
 Time Off Btm: 2012.02.06 @ 04:15:40

TEST COMMENT: IFP- BOB 7 min
 ISIP- sur blow back throughout
 FFP- BOB 45 sec
 FSIP- 3" blow back - died 27 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1545.29	96.19	Initial Hydro-static
1	19.17	95.82	Open To Flow (1)
15	36.42	97.93	Shut-In(1)
46	704.47	99.66	End Shut-In(1)
46	43.92	99.53	Open To Flow (2)
105	89.58	103.29	Shut-In(2)
196	693.69	106.22	End Shut-In(2)
199	1483.62	106.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	HGOCM 30%G, 50%O, 20%M	0.61
75.00	MCO 65%O, 35%M	0.37
1.00	FREE OIL 95%O, 5%M	0.00
0.00	1675 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

30 15s 12w Russell

2020 N Bramblewood
Wichita KS 67206-1094

LANG NCR # 6

Job Ticket: 46418

DST#: 3

ATTN: Bryon Bynog

Test Start: 2012.02.05 @ 22:10:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	HGOCM 30%G, 50%O, 20%M	0.610
75.00	MCO 65%O, 35%M	0.369
1.00	FREE OIL 95%O, 5%M	0.005
0.00	1675 GIP	0.000

Total Length: 200.00 ft

Total Volume: 0.984 bbl

Num Fluid Samples: 0

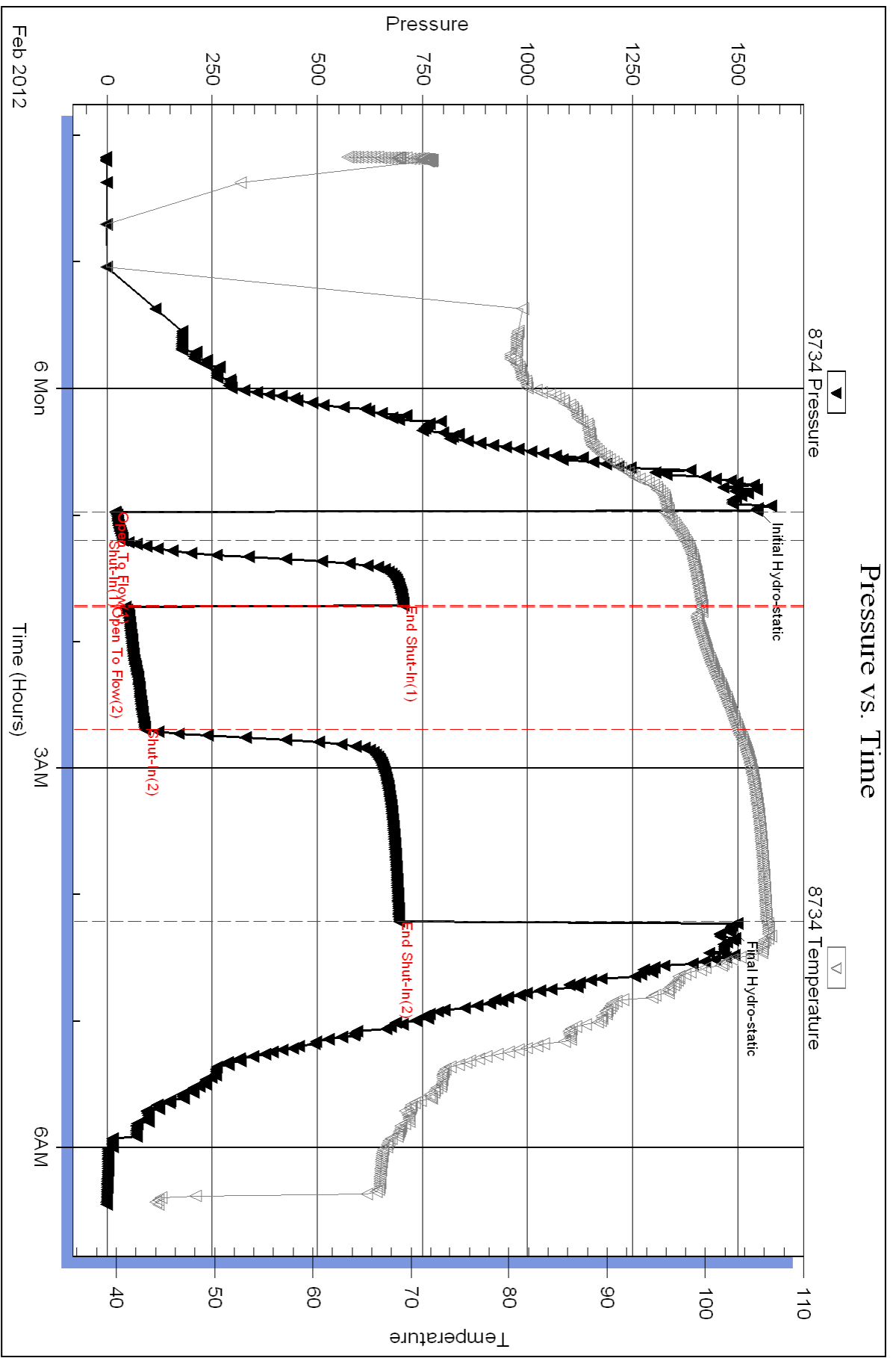
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206-1094
 ATTN: Bryon Bynog

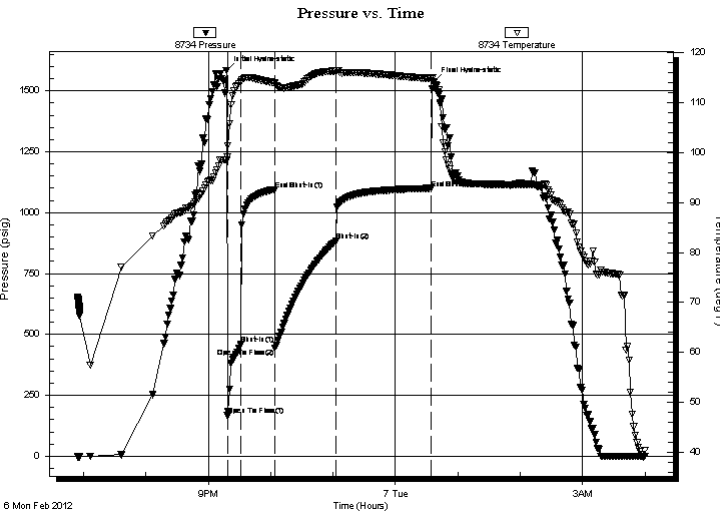
30 15s 12w Russell
LANG NCR # 6
 Job Ticket: 46419 **DST#: 4**
 Test Start: 2012.02.06 @ 18:54:27

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:18:27
 Time Test Ended: 03:59:27
 Interval: **3280.00 ft (KB) To 3345.00 ft (KB) (TVD)**
 Total Depth: 3345.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 1887.00 ft (KB)
 1877.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8734 Outside
 Press @ Run Depth: 882.34 psig @ 3322.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.06 End Date: 2012.02.07 Last Calib.: 2012.02.07
 Start Time: 18:54:28 End Time: 03:59:27 Time On Btm: 2012.02.06 @ 21:17:27
 Time Off Btm: 2012.02.07 @ 00:36:57

TEST COMMENT: IFP - BOB 45 sec
 ISI - BOB 14 min
 FFP - BOB 1 1/2 min
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1583.82	98.45	Initial Hydro-static
1	166.35	99.16	Open To Flow (1)
14	460.28	114.15	Shut-In(1)
46	1094.42	114.01	End Shut-In(1)
47	443.59	113.78	Open To Flow (2)
105	882.34	116.34	Shut-In(2)
197	1099.70	114.79	End Shut-In(2)
200	1538.17	114.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	HGOCM 20%G, 30%O, 50%M	0.59
2235.00	reversed out oil	27.56
75.00	FREE OIL 95%O, 5%M	1.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
2020 N Bramblewood
Wichita KS 67206-1094
ATTN: Bryon Bynog

30 15s 12w Russell
LANG NCR # 6
Job Ticket: 46419 **DST#: 4**
Test Start: 2012.02.06 @ 18:54:27

Mud and Cushion Information

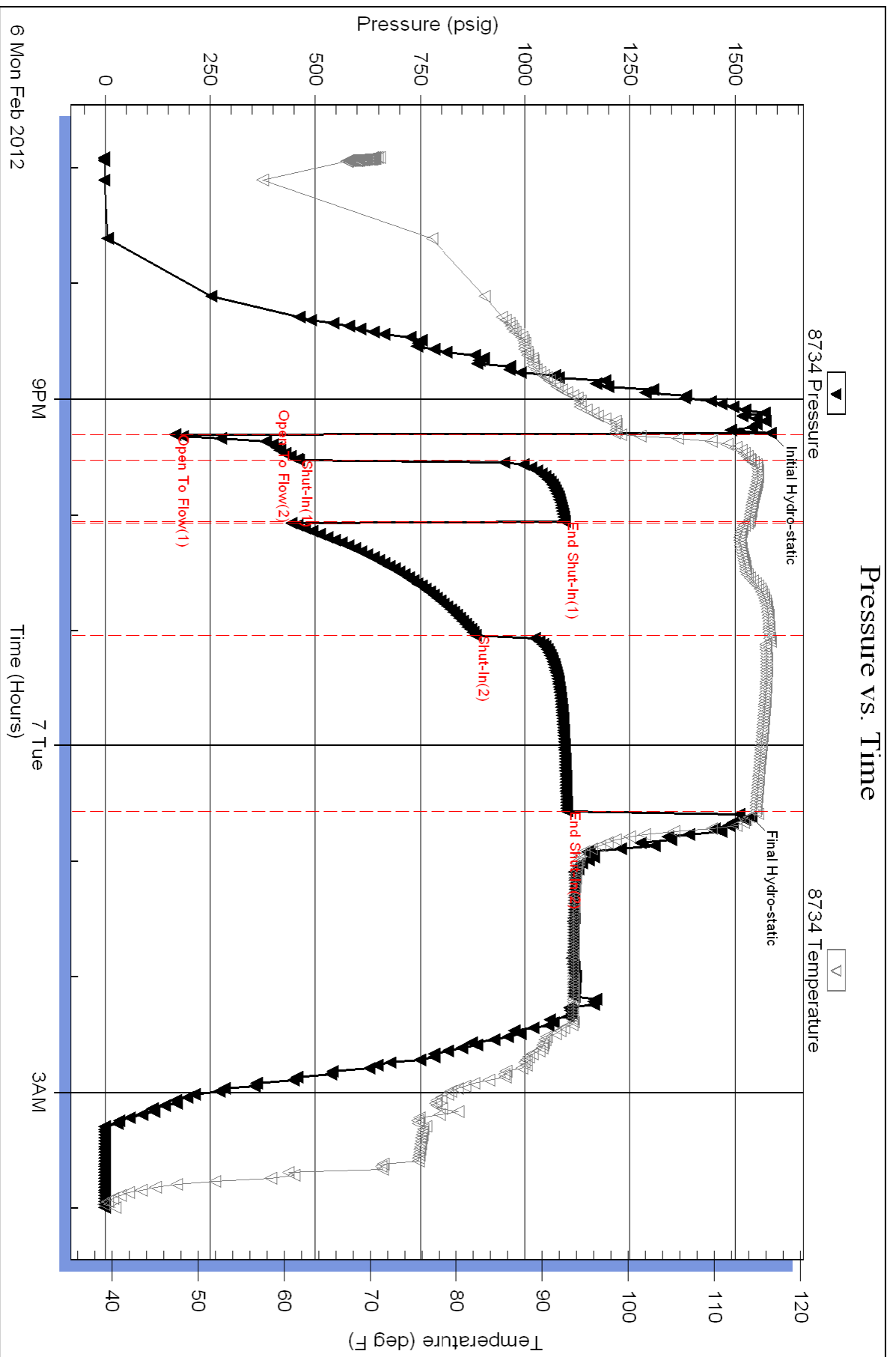
Mud Type: Gel Chem	Cushion Type:	Oil API: 40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	HGOCM 20%G, 30%O, 50%M	0.590
2235.00	reversed out oil	27.562
75.00	FREE OIL 95%O, 5%M	1.052

Total Length: 2430.00 ft Total Volume: 29.204 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: LANG NCR # 6
Location: N/2 SESESE 30-15S-12W RUSSEL COUNTY,KANSAS
License Number: 15-167-23770
Spud Date: 1-29-2012
Surface Coordinates: 580' FSL & 330' FEL
Region: MIDCONTINENT
Drilling Completed:

Bottom Hole
Coordinates:
Ground Elevation (ft): 1876
Logged Interval (ft): 2500 To:
Formation: LKC & ARBUCKLE
Type of Drilling Fluid: FRESH
K.B. Elevation (ft): 1887
Total Depth (ft):

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

OPERATOR

Company: BEREXCO, LLC.
Address: 2020 N. BRAMBLEWOOD
WICHITA, KANSAS 67206

GEOLOGIST

Name: WILLIAM B. BYNOG
Company:
Address: P.O. BOX 687
PINECLIFFE, CO. 80471
303-642-3681 OFFICE 303-250-0727 CELL


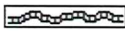
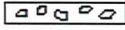
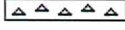

SURVEYS


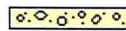



DSTs



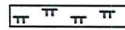

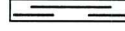
DST#1 3078-3100, DST#2 3120-47', DST#3 3110-50', DST#4

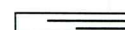
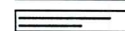

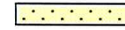
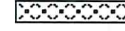
Comments

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst

 Coal
 Congl
 Dol
 Gyp
 Igne

 Lmst
 Meta
 Mrlst
 Salt
 Shale

 Shcol
 Shgy
 Sltst
 Ss
 Till

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brefracg
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl

- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

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

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

OIL SHOW

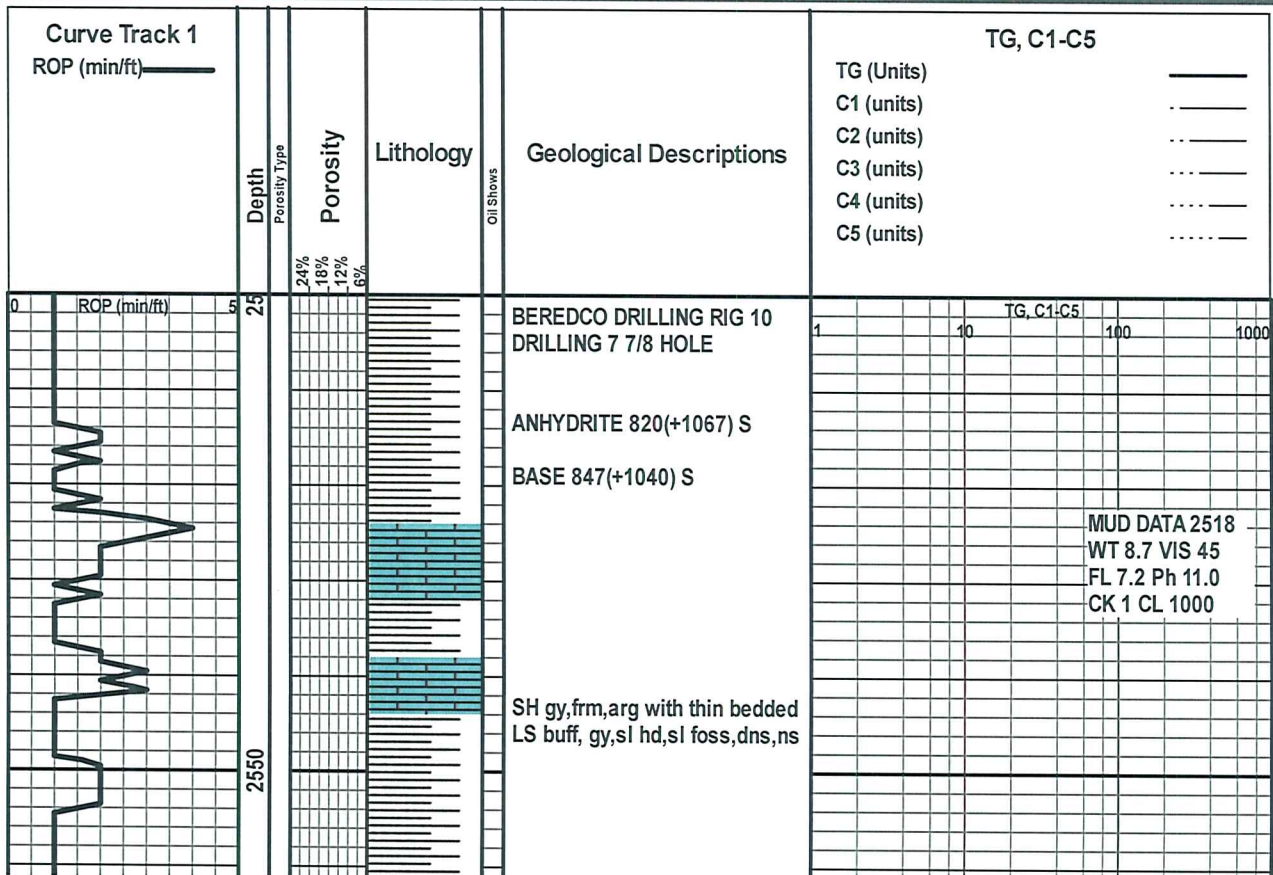
- Even
- Spotted
- Ques
- Dead

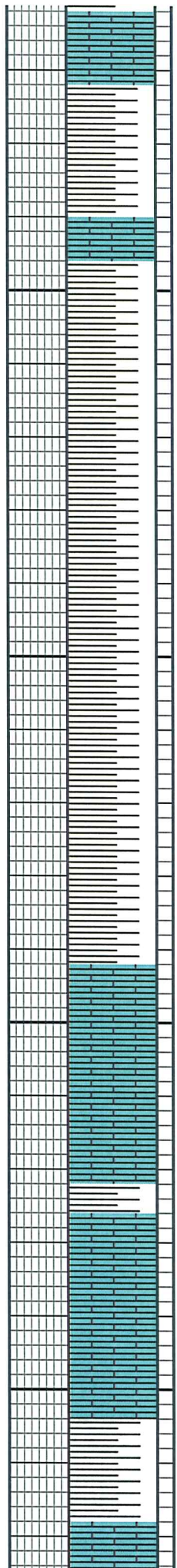
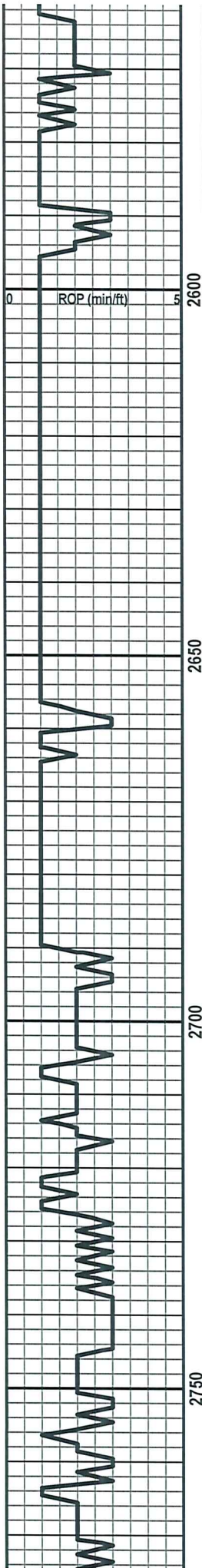
INTERVAL

- Dst
- Dst

EVENT

- Rft
- Sidewall



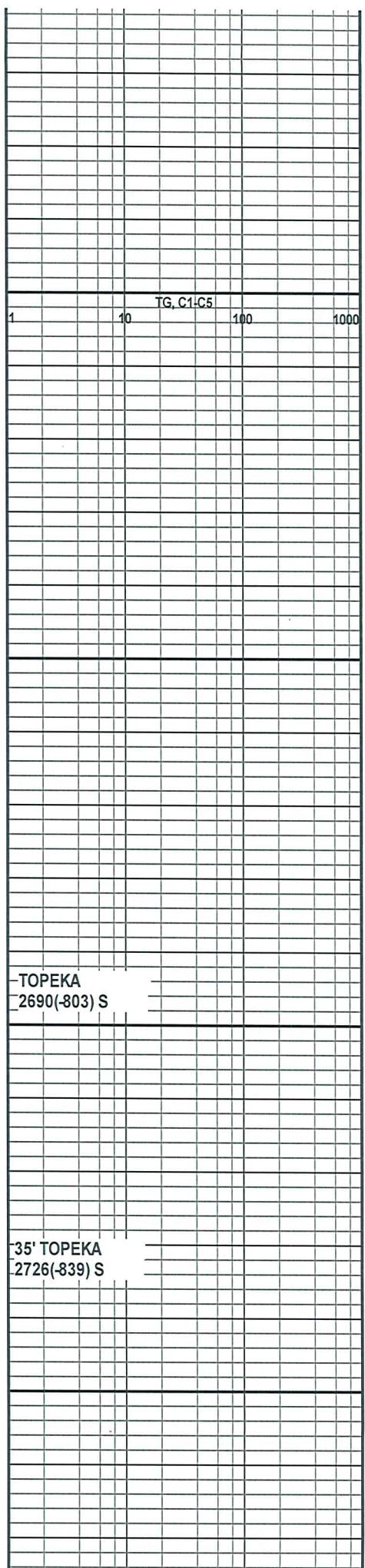


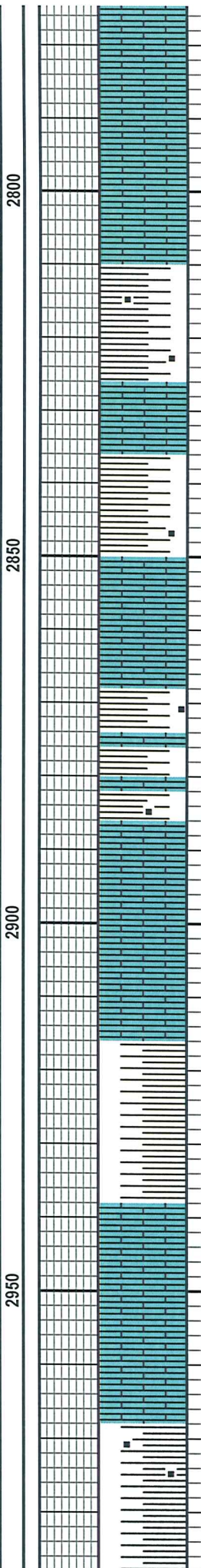
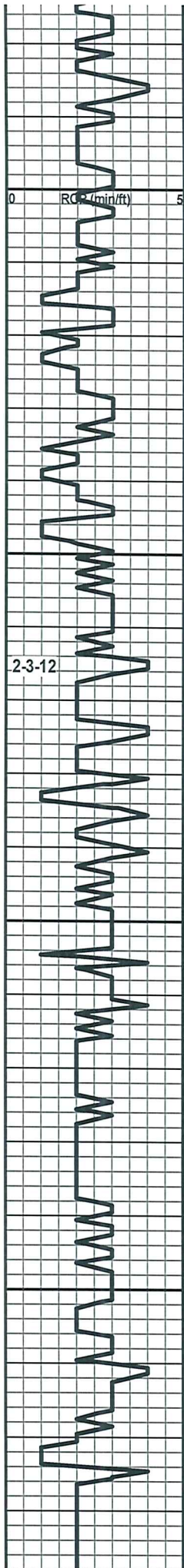
2600

2650

2700

2750





SH gy,blk,frm,sl carb

LS gy,buff,frm,arg,sl foss,ns

SH aa

LS gy brn,hd,v foss, dns,p por,ns with thin SH aa dk gy,blk,carb

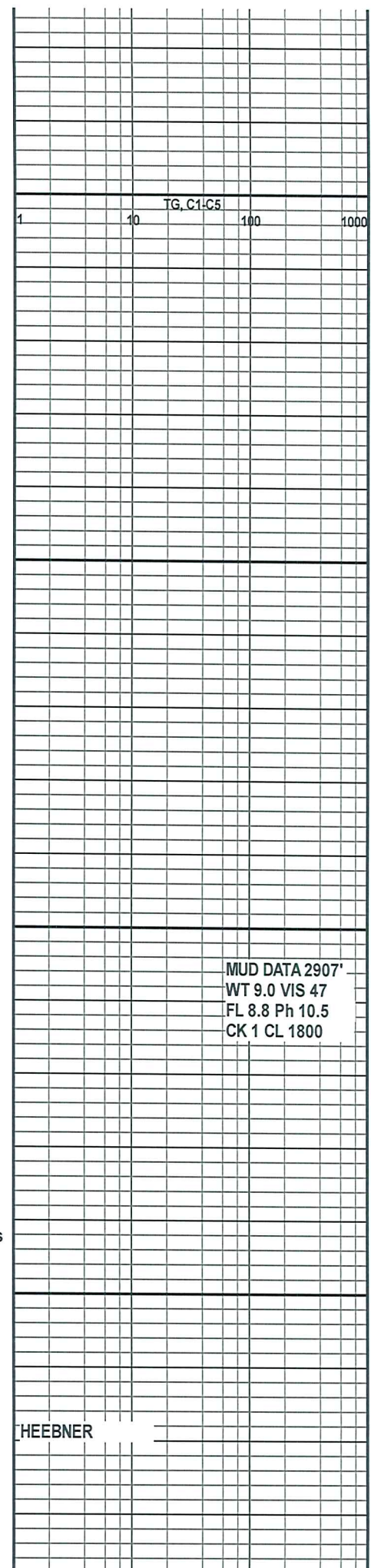
LS pale gy,buff,frm,arg,dirty,foss, p por,ns

SH gy,red,gm,frm, fiss

LS buff,hd,dns,sl foss,p por,ns

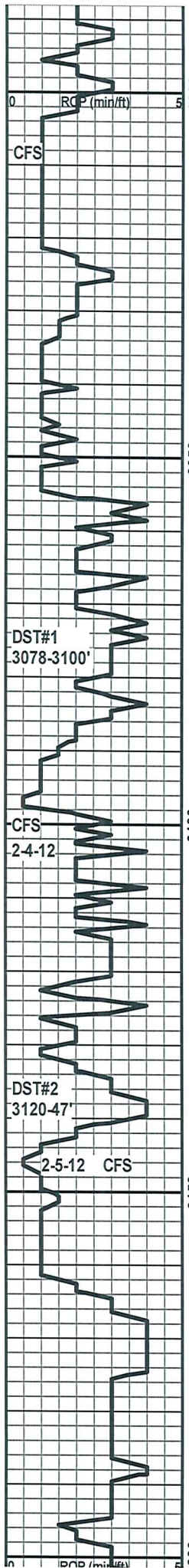
SH blk,frm,v carb, fiss

SH var col aa



MUD DATA 2907'
 WT 9.0 VIS 47
 FL 8.8 Ph 10.5
 CK 1 CL 1800

HEEBNER



LS buff,frm,mic suc
tex,dolomitic,p-fr intxl por,spty-
even live lt brn stn,g cut &
odor,p show free oil

SH gy,gn,red,frm, fiss,arg

SS gy,frm,vfg,v arg,p por,ns

SH aa

LS buff,pale gy brn,hd,sl
foss,dns,p por,ns with v thin
SH aa

LS wh,frm,v oolitic, g moldic
por,spty-even live brn stn,v g
cut & odor, g show free oil

LS buff,hd,dns,ns with thin SH
aa

LS buff,pale gy,hd,
foss,micxln,p pp vuggy
por,spty live brn stn,g cut, fr
odor,p show free oil

SH aa

GRNSTN buff,frm,v oolitic,g
intr por,spty-even live brn
stn,v g cut & odor,g show free
oil

LS wh,buff,hd,dns, p por,ns
with v thin SH aa

LS buff,frm,oolitic,g-v g moldic
por,even live brn stn,v g cut &
odor,g show free oil

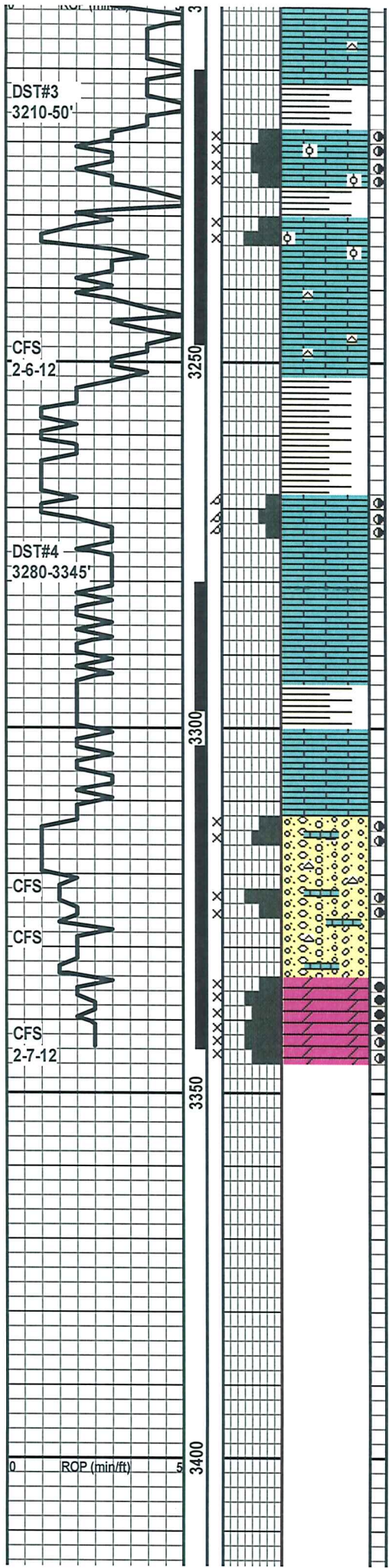
LS aa fr por,spty stn,g cut &
odor,fr show free oil

LS pale gy,buff,v
hd,dns,crpxln,with v thin
bedded SH blk,carb

LS gy brn,v hd,v dns,aome Cht
tan

SH blk,frm,carb

TORONTO	
-2990(-1103) S	
1	TG, C1-C5
10	100
100	1000
A ZONE	
-3062(-1174) S	DST#1 3078-3100 15-30-60-90" IH 1479 IF 19-38 (op bob in 2.5") ISI 768 FF 44-93 (op bob) FSI 775 (3" bb) FH 1408 REC: 1270' GIP & 215' GHOCM(5% G,40%O & 55% M)
B ZONE	
-3090(-1203) S	
PIPE STRAP	
AGREED WITH	MUD DATA 3100
TALLY	WT 9.1 VIS 48 FL 8.8 Ph 10.0 CK 1 CL 3000
C ZONE	
-3110(-1223) S	DST#2 3120-47' 15-30-60-90" IH 1501 IF 75-127 (op bob 45 sec)
F ZONE	
-3126(-1239) S	ISI 523 (bob bb in 3") FF 145-260 (bob in 3",GTS IN 60") FSI 496 (bob bb in 3") FH 1557 REC: 535' TOTAL FLUID 50'HOCM(30%O), 45' HGOCM(45% G,25%O & 30%M, 190' FREE OIL, 60'GWMCO (10% G,70%O & 10%W & 10%M) & 190' MW (85%W)
G ZONE	
-3142(-1255) S	
H ZONE	
-3188(-1303) S	
10	TG, C1-C5



LS aa v dns,chrty with thin SH aa

GRNSTN wh,sl hd,v oolitic,fr intgr por,spty live brn stn,v g cut & odor,g show free oil

SH aa

GRNSTN wh,frm,v oolitic,sl chky,fr-g intgr por,spty live brn stn,v g cut & odor,g show free oil

LS buff,v hd,dns,foss, tr Cht wh

SH gy,frm,fiss

LS wh,frm,oolitic, chky,p moldic por,tr spty live brn stn,p cut,no odor,no free oil

LS buff,v hd,dns,ns

SH aa

LS pale gy,v hd,dns,blky

CONG/LS aa,abnt Cht yell,org,wh with strgs LS wh,frm,v oolitic,fr intgr por,spty live brn stn,fr cut, fr show free oil

3334-DOL wh,frm,microsuc tex,fr-g intgr por,even-spty live brn stn,v g cut & odor,g show free oil

1	10	100	1000
		DST#3 3210-50'	
		15-30-60-90"	
		IH 1545 IF 19-36	
		(bob in 7") ISI	
I ZONE		705 (surf. bb)	
3218(-1331) S		FF 44-89 (bob in 45 sec.) FSI 694 (3"bb dd in 27')	
		FH 1484	
J ZONE		200' TOTAL	
3230(-1343) S		FLUID	
		1675' GIP, 1'	
		FREE OIL, 75'	
		MCO (65%O & 35%M) & 124'	
		HGOCM (30%G, 50%O & 20%M)	
		MUD DATA 3250'	
		WT 9.0 VIS 50	
K ZONE		FL 8.0 Ph 10.5	
3268(-1381) S		CK 1 CL 3000	
		DST#4 3280-3345'	
		15-30-60-90"	
		IH 1584 IF 166-460 (bob 45")	
		ISI 1094 (bob bb) FF 444-882 (bob 1.5") FSI 1100 FH 1538	
		REC: 2430'	
		TOTAL FLUID	
		2310' OIL (95%O) & 120' HGOCM (20%G,30%O & 50%M)	
SLOWED TABLE DUE TO TORQUE			
ARBUCKLE			
3334(-1447) S			
1	10	100	1000
		TG, C1-C5	

**BEREXCO, LLC.
LANG NCR # 6
N2SESESE 30 15S-12W
RUSSELL COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

LANG NCR # 6 SAMPLES
BEREDCO DRILLING RIG 10 DRILLING 7 7/8 HOLE

ANHYDRITE TOP 820(+1067) S
816(+1071) L

BASE 847(+1040) S
846(+1041) L

2500-2600 SHALE gray,firm,argillaceous with thin bedded LIMESTONE buff,
gray,slightly hard,slightly fossils,dense,no shows

2600-90 SHALE as above

TOPEKA

2690-2810 LIMESTONE buff,gray,hard,fossils,poor porosity,no shows with thin bedded
SHALE as above

2810-25 SHALE gray,black,firm,slightly carbonaceous

35' TOPEKA

2825-35 LIMESTONE gray,buff,firm,argillaceous,slightly fossils,no shows

2835-50 SHALE as above

PLATTSMOUTH

2850-2900 LIMESTONE gray brown,hard,very fossils, dense,poor porosity,no shows with
thin SHALE as above dark gray,black,carbonaceous

2900-14 LIMESTONE pale gray,buff,firm,argillaceous,dirty,fossils, poor porosity,no
shows

LANG NCR # 6 SAMPLES

2914-38 SHALE gray,red,green,firm, fissile

2938-68 LIMESTONE buff,hard,dense,slightly fossils,poor porosity,no shows
HEEBNER

2968-74 SHALE black,firm,very carbonaceous, fissile

2968-90 SHALE var color as above

TORONTO

2990-3004 LIMESTONE buff,firm,micro sucrosic texture,dolomitic,poor to fair
intercrystalline porosity,spotty to even live light brown stain,good cut and
odor,poor show free oil

3004-22 SHALE gray,green,red,firm, fissile,argillaceous

3022-30 SANDSTONE gray,firm,very fine grained,very argillaceous,poor porosity,no
shows

3030-55 SHALE as above

LANSING A

3055-90 LIMESTONE buff,pale gray brown,hard,slightly fossils,dense,poor porosity,no
shows with very thin SHALE as above

B ZONE

3090-98 LIMESTONE white,firm,very oolitic, good moldic porosity,spotty to even live
brown stain,very good cut and odor, good show free oil

3100-10 LIMESTONE buff,hard,dense,no shows with thin SHALE as above

C ZONE

3110-20 LIMESTONE buff,pale gray,hard, fossils,micxln,poor pinpoint vuggy
porosity,spotty live brown stain,good cut, fair odor,poor show free oil

LANG NCR # 6 SAMPLES

3120-26 SHALE as above

F ZONE

3126-34 GRAINSTONE buff,firm,very oolitic,good intergranular porosity,spotty to even live brown stain,very good cut and odor,good show free oil

3134-42 LIMESTONE white,buff,hard,dense, poor porosity,no shows with very thin SHALE as above

G ZONE

3142-62 LIMESTONE buff,firm,oolitic,good to very good moldic porosity,even live brown stain,very good cut and odor,good show free oil

3162-66 LIMESTONE as above fair porosity,spotty stain,good cut and odor,fair show free oil

3166-86 LIMESTONE pale gray,buff,very hard,dense,crpxln,with very thin bedded SHALE black,carbonaceous

H ZONE

3188-94 LIMESTONE gray brown,very hard,very dense,aome Chert tan

3294-3200 SHALE black,firm,carbonaceous

3200-18 LIMESTONE as above very dense,chrty with thin SHALE as above

I ZONE

3118-26 GRAINSTONE white,slightly hard,very oolitic,fair intergranular porosity,spotty live brown stain,very good cut and odor,good show free oil

3226-30 SHALE as above

J ZONE

LANG NCR # 6 SAMPLES

3230-35 GRAINSTONE white,firm,very oolitic,slightly chalky,fair to good intergranular porosity,spotty live brown stain,very good cut and odor,good show free oil

3234-52 LIMESTONE buff,very hard,dense,fossils, trace Chert white

3252-68 SHALE gray,firm,fi ssile

K ZONE

3268-74 LIMESTONE white,firm,oolitic, chalky,poor moldic porosity,trace spotty live brown stain,poor cut,no odor,no free oil

3274-94 LIMESTONE buff,very hard,dense,no shows

3294-3300 SHALE as above

3300-12 LIMESTONE pale gray,very hard,dense,blocky

3312-34 CONG/LIMESTONE as above,abundant Chert yell,orange,white with stringers LIMESTONE white,firm,very oolitic,fair intergranular porosity,spotty live brown stain,fair cut, fair show free oil

ARBUCKLE

3334-50 DOLOMITE white,firm,microsuc texture,fair to good intxln porosity,even to spotty live brown stain,very good cut and odor,good show free oil

3350-70 DOLOMITE as above pr to fair intergranular porosity,spotty live brown stain,good cut and odor,good show free oil

3370-80 DOLOMITE white,hard,dense,poor porosity, no shows,abundant Chert white,very spotty live brown stain,fair cut

3380-3400 DOLOMITE as above very faint spotty brown stain,poor cut,

RTD 3400'

LANG NCR # 6 SAMPLES