Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1173916

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 # 34917
Name: Bickle Energies LLC
Address 1: 2052 250th AVE
Address 2:
City: HAYS State: KS Zip: 67601 + ____
Contact Person: Matt Bickle
Phone: (785) 639-1681
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: Larry Friend
Purchaser: Coffeeville Resources

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 #:

11/12/2013	11/17/2013	12/13/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25906-00-00
Spot Description:
SE - NW - SW - SE Sec. 35 Twp. 16 S. R. 13 ☐ East ☑ West
825 Feet from ☐ North / ☑ South Line of Section
2062 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: DRECO Well #: 1
Field Name:
Producing Formation: ARBUCKLE
Elevation: Ground: 1879 Kelly Bushing: 1884
Total Vertical Depth: 3400 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 774 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: 4000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Paul's Oilfield Service, Inc.
Lease Name: Weiss #2 License #: 31085
Quarter NE Sec. 11 Twp. 19 S. R. 12 ☐ East ☑ West
County: Barton Permit #: D-26,542

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:** Deanna Garrison **Date:** 02/10/2014

[redacted] 1173916

Operator Name: Bickle Energies LLC Lease Name: DRECO Well #: 1

Sec. 35 Twp. 16 S. R. 13 ☐ East ☑ West County: Barton

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:
Attached

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.625	24	774		325	3% CC, 2%GEL
PROD. LONG STR	7.88	5.5	15	3398		180	10% SALT 5% GILSONITE

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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 *(Amount and Kind of Material Used)*	Depth
4		SHOT	3343-3347
4		SHOT, ACID	3321-3326

TUBING RECORD: Size: 2.875 Set At: 3378 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 01/02/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	0	80		37

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3321-3326
3343-3347

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Bickle Energies LLC
Well Name	DRECO 1
Doc ID	1173916

All Electric Logs Run

Dual Induction
Compensated Nuetron Density
Micro
Cement Bond

Form	ACO1 - Well Completion
Operator	Bickle Energies LLC
Well Name	DRECO 1
Doc ID	1173916

Tops

Name	Top	Datum
ANHYDRITE	773	+1111
TARKIO	2523	-639
TOPEKA	2703	-819
HEEBNER	2987	-1103
BROWN LIME	3075	-1191
LANSING	3091	-1207
BKC	3317	-1433
ARBUCKLE	3321	-1437
QUARTZITE	3368	-1484

OPERATOR

Company:	BICKLE ENERGIES, LLC.		
Address:	2052 250TH AVE. HAYS, KS 67601		
Contact Geologist:			
Contact Phone Nbr:	785-639-1681		
Well Name:	DRECO #1		
Location:	825FSL 2062FEL 35-T16S-R13W	API:	15-009-25906
Pool:	OIL WELL	Field:	TRAPP
State:	KANSAS	Country:	BARTON

Scale 1:240 Imperial

Well Name:	DRECO #1		
Surface Location:	825FSL 2062FEL 35-T16S-R13W		
Bottom Location:			
API:	15-009-25906		
License Number:			
Spud Date:	11/11/2013	Time:	12:00 AM
Region:	CENTRAL KANSAS		
Drilling Completed:	11/16/2013	Time:	12:00 AM
Surface Coordinates:			
Bottom Hole Coordinates:			
Ground Elevation:	1879.00ft		
K.B. Elevation:	1884.00ft		
Logged Interval:	2500.00ft	To:	3400.00ft
Total Depth:	3400.00ft		
Formation:	ARBUCKLE		
Drilling Fluid Type:			

ELEVATIONS

K.B. Elevation:	1884.00ft	Ground Elevation:	1879.00ft
K.B. to Ground:	5.00ft		

TOTAL DEPTH

Measurement Type:	Measurement Depth:	TVD:
RTD	3400.00	0.00
LTD	3400.00	0.00

CASING SUMMARY

	Surface	Intermediate	Main
Bit Size	12.25 in		7.88 in
Hole Size	12.25 in		7.88 in

	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	767 ft			
Int Casing					
Prod Casing	5.50 in	3398 ft	15.5#		

CASING SEQUENCE

Type	Hole Size	Casing Size	At
SURFACE	12.25 in	8.63	767.00 ft
PRODUCTION	7.88 in	5.50	3398.00 ft

OPEN HOLE LOGS

Logging Company:	GEMINI WIRELINE		
Logging Engineer:	GUS PFANENSTIEL		
Truck #:			
Logging Date:	11/16/2013	Time Spent:	
# Logs Run:	3	# Logs Run Successful:	3

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
DI	750.00ft	3400.00ft	0.00		0

DI	750.00ft	3400.00ft	0.00	0
CND	2800.00ft	3400.00ft	0.00	0
MICRO	2800.00ft	3400.00ft	0.00	0

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
11/22/2013	750.00ft	3400.00ft	

LOGGED BY

Company:
Address:

Phone Nbr: 316-265-2228 / 316-250-5655
Logged By: Geologists Name: LARRY FRIEND/ JEFF BURK

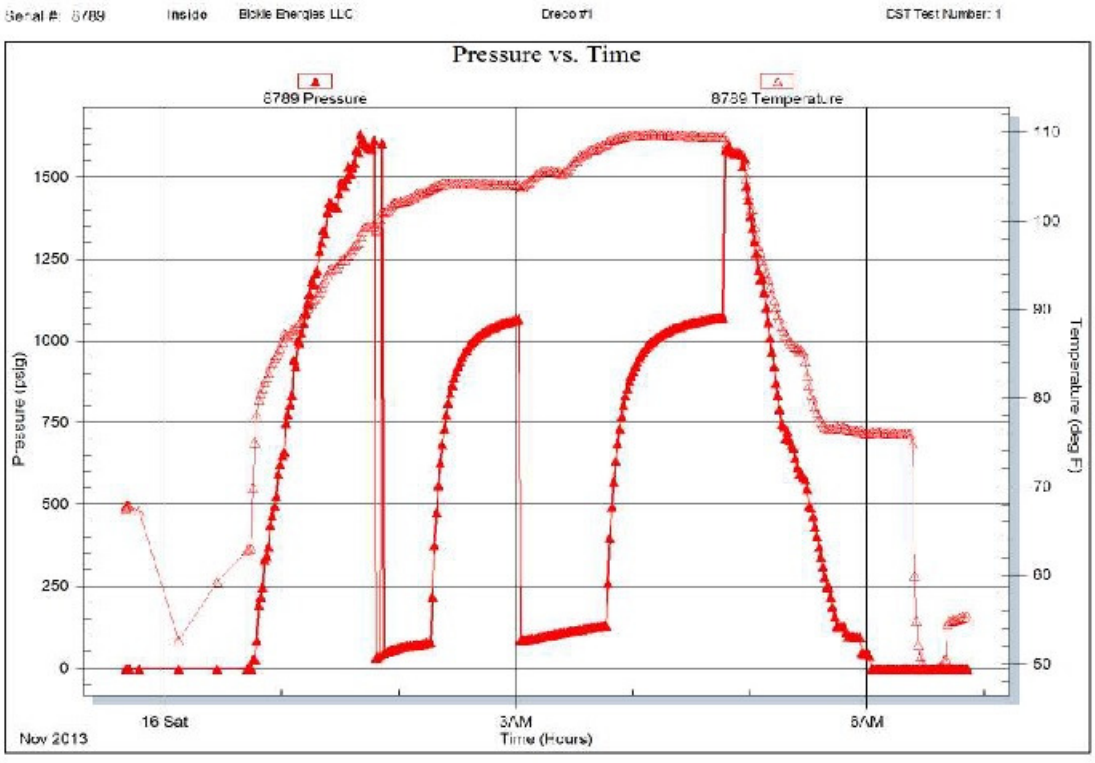
FORMATION TOPS

FORMATION TOPS	SAMPLE	LOG	COMPARISON WELL: ALPINE, 1 LANG NW SW SE 35-16-13W
ANHYDRITE	772 (+1112)	773 (+1111)	NA
TARKIO	2523 (-639)	2523 (-639)	NA
TOPEKA	2703 (-819)	2704 (-820)	+1
HEEBNER SHALE	2987 (-1103)	2988 (-1104)	+4
BROWN LIME	3075 (-1191)	3076 (-1192)	+3
LANSING	3091 (-1207)	3092 (-1208)	+1
H ZONE POROSITY	3215 (-1331)	3216 (-1332)	+4
BKC	3317 (-1433)	3318 (-1434)	+1
ARBUCKLE	3327 (-1443)	3321 (-1437)	+4
QUARTZITE	3368 (-1484)	3370 (-1486)	NA

DRILLSTEM TESTS

No	Interval	Formation
1	3290.00 - 3343.00	ARBUCKLE

DST #1 CHART, ARBUCKLE TEST: 3290-3343



Trilobite Testing, Inc Ref. No: 55786 Printed: 2013.11.19 @ 11:25:39

ROCK TYPES

Dolsec
Igneacidic
Lmst fw7>
Shgy
Shblck

ACCESSORIES

MINERAL
- Chert, dark
- Sandy
- Silty

FOSSIL
- Oolites

STRINGER
- Shale

OTHER SYMBOLS

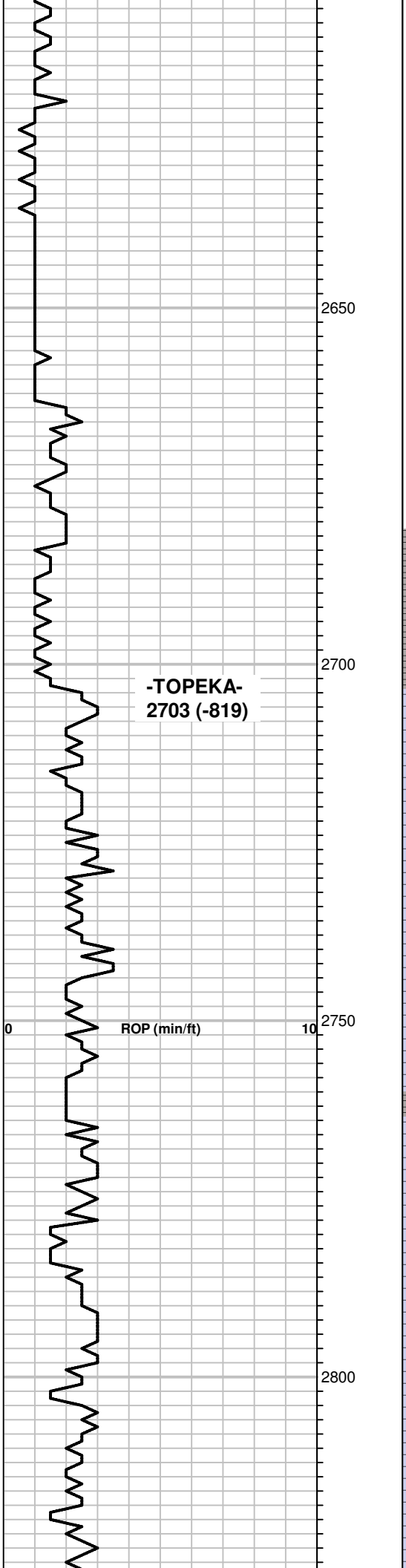
OIL SHOWS
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

INTERVALS
- Core
- DST

Curve Track #01
ROP (min/ft)
1:240 Imperial
0 ROP (min/ft) 10
Depth | Intervals
Cored Interval
DST Interval
Interpreted Lithology
Oil Shows
Geological Descriptions
Comment

-TARKIO-
2523 (-639)

2550
2600



SAMPLES MIXED

20: SHALE GRY.

LS, BRN, FXLN, FOSS, PR. VIS. POROSITY; NS NO FLUOR.

MUD @ 2708:
WT: 9.1
VIS: 54
FILTRATE: 7.2
CHLOR: 4000
LCM: NA

40: LS, BRN, FXLN, DSE; NS

60: LS, GRY-BRN, VF-FXLN, SOME SLI. SHLY, SLI. SILTY, PR. VIS. POROSITY; NS

START 10 FT. SAMPLES @ 2760'

70: LS, AS ABV; TR. SST, FN GRND, V. LMY; NS

80: SHALE, GRY & LS, TAN, FXLN, FOSS, PR. XLN. POROSITY; NS

90: LS, BRN, VF-FXLN, DSE TO PR. XLN. POR; NS

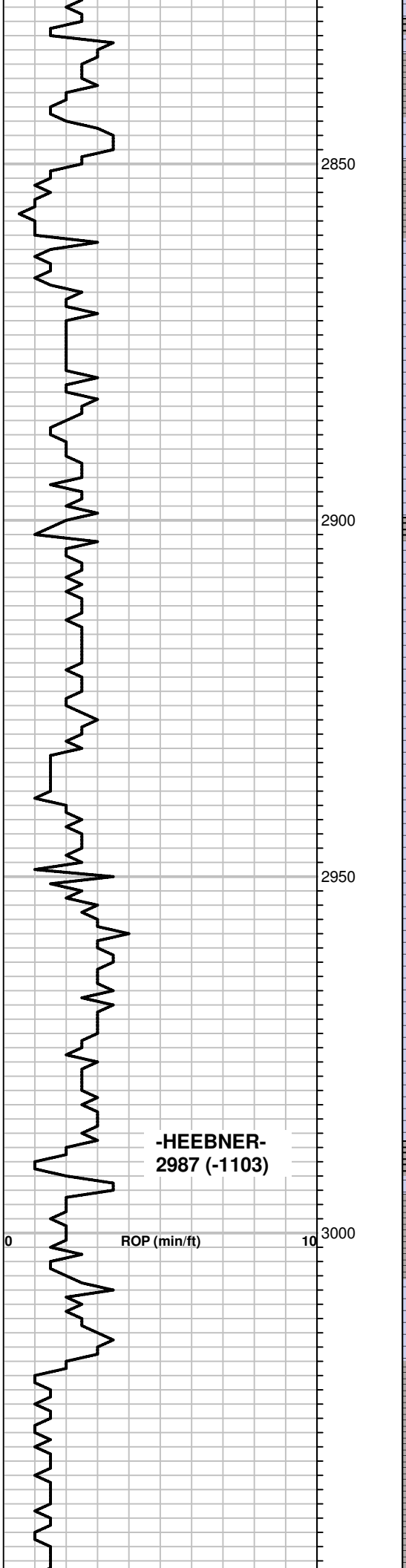
100: LS, TAN-BRN, VF-FXLN, PR. POR; TR. LS, SLI. FOSS, SOFT, SLI. CHLKY; TR. CHERT. GRY, SHP; NS

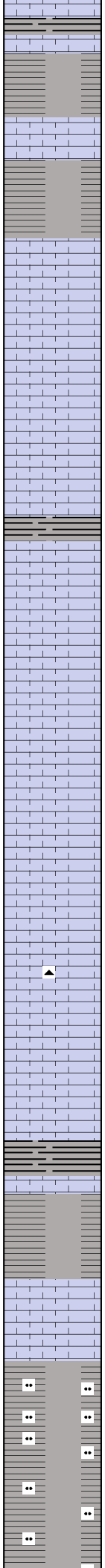
10: LS, AS ABV; TR. LS, FOSS (FUSILINIDS), PR. VIS. POR; NS, NO FLUOR.

20: LS, BRN, FXLN, V. FOSS, PR- TR. FR. XLN. POR; NS

30: LS, BRN, VFXLN, DSE; SHALE GRY, GRN; TR. V. LMY. SST, PR. POR; NS

40: LS, TAN-BRN, FXLN, FOSS, SLI. CALCITIC, SLI. CHLKY, PR- FR. POR; NS





50: SHALE, GRY, TR. BLK; LS, AS ABV, SLI. CHLKY; NS

60: TR. SHALE, GRY; LS, TAN-BRN, FXLN, SLI. FOSS, SLI. CALCITIC, PR -FR. XLN. POR; NS

70: LS, TAN - MOTTLED GRY, FXLN, SLI. DETRITAL; SHALE, GRY; NS

80: LS, TAN, FXLN, SMOOTH, PR - FR. XLN. POR; SHALE, GRY; NS

90: LS, BRN, FXLN, SLI. MOTTLED, PR. XLN. POR; NS

100: LS, AS ABV TO LS, CRM-BRN, SOFT, SLI. CHLKY; NS

10: LS, BRN, VF-FXLN, SLI. MOTTLED GRY, PR. POR. TO TR. LS, CALCITIC WITH PR - FR. XLN. POR; NS

20: SHALE, BLK, GRY, RED; LS, BRN, VF-FXLN, TR. MOTTLED, TR. V. FOSS, MOSTLY PR. TO TR. FR. XLN. POR; NS

30: LS, BRN, FXLN, SLI. MOTT, SLI. FOSS, PR. POR. TO SOME WEATHERED, SLI. CHLKY; NS

40: LS, BRN, FXLN, SLI. FOSS, SLI. CALCITIC, MOSTLY PR. XLN. POR, SLI. ODOR.

LS, CRM, MOSTLY CHLKY, SOFT TO SOME BRN, FXLN W/ PR. XLN. POR,; FR SHOW GAS BUBBS, NO FO, SPTY BRN. SAT. STN, GD. FLUSH CUT, SLI. ODOR.

RAN SHORT TRIP @ 3230'. GOT STUCK @ 2937 FOR 10 HRS. APPAR. WALL CAKE BUILDUP ON A DEPLETED ZONE. SPOTTED 40 BLS OIL - CAME LOOSE.

60: LS, CRM, MOSTLY CHLKY TO FXLN, SOFT; NS

70: LS, TAN-BRN, VF-FXLN, SLI. FOSS, PR. POR; SOME SHALE GRY & GRN; NS

80: LS, AS ABV, SLI. MOTTLED, SLI. FOSS, SOME SLI. CHLKY; TR. CHERT, GRY; SHALE; NS

90: LS, TAN-BRN, SLI. MOTTLED

100: LS, AS ABV; INC. SHALE, GRY & TR. BLK. SHALE, CARBONACEOUS.

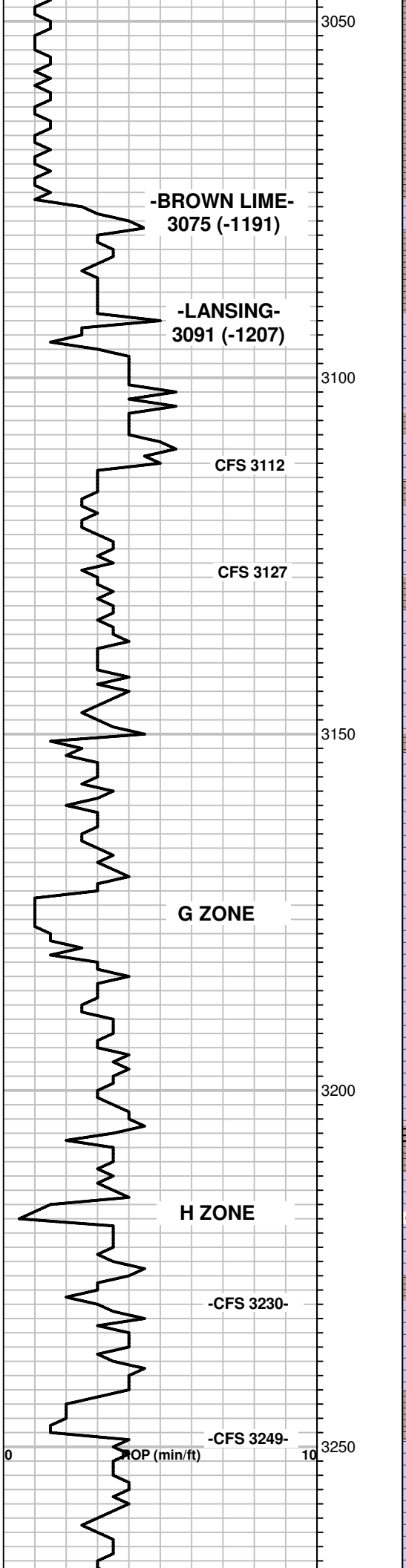
10: SHALE, AS ABV; LS, TAN, VFXLN, DSE TO SLI. CHLKY; NS

20, 30 & 40: LS, CRM-TAN, FXLN, PR-FR. XLN. POR, SOME SLI. CHLKY; NS

50: GRY, MICA. SILTSTONE, TITE.

60: SOFT, GRY, SHLY SILTSTN TO SILTY SHALE.

70: GRY, MICA. SILTSTN, SHLY, LAMINATED.



80: MOSTLY GRY SHALE; SOME SILTSTN AS ABV.

90: SHALE, GRY & LS, BRN, FOSS, DSE.

100: TR. LS, BRN, V. OOLITIC W/ PR. OOLIC. POR, SSFO, SG, PR. SPTY STN, LOOKS TITE, NO ODOR

10: TR. LS, V. OOLITIC, W/ PR. TR. SPTY OOLIC. POR, S-FSFO&G, SPTY BRN STN, SLI - FR. ODOR.

LS, TAN-BRN, VF-FXLN, PR. VIS. POR; NS

TR. LS, TAN, V. OOLITIC, SLI. CALCITIC, PR - TR. GD. OOLIC. POR, SSFO&G, SCAT. SPTY. STN, SLI. ODOR.

40: TR. LS, CRM, OOLITIC, SLI. CHLKY, FR. XLN. POR, TR. STN, SLI. ODOR, NFO

50: TR. LS, TAN, FXLN, SLI. OOLITIC, PR. XLN. POR; NS

60: SHALE, GRY, GRN; LS, BRN, VF-FXLN, SOME OOLITIC, PR. POR; NS

70: LS, CRM-TAN, V. OOLITIC, PR. TR. OOLIC. POR, SPTY. FLUOR, NO FLUSH CUT.

80: LS, CRM-TAN, FXLN, SOME OOLITIC, PR-FR. XLN POR; NS

90: LS, TAN, V. OOLITIC W/ PR. OOLIC. POR, NS, NO FLUOR.

100: LS, TAN-BRN, VF-FXLN; AND SM. AMT. OOLITIC LS, AS ABV; NS

10: TR. LS, OOLITIC W/ PR - GD. OOLIC. POR, 1 PC. W/ TR. BLK. SPTY. STN.

20: SHALE, GRY & BLK; TR. LS AS ABV. W/ FR - GD OOLIC. POR, 1 PC. FSFO.

LS, GD. OOLIC. POR, F-GSFO&G, FR. - TR. GD. SPTY DK. SAT. STN, FR. ODOR.

TR. LS, PR - FR. OOLIC. POR, SOME SLI. CHLKY; NS.

LS, BRN, V. FOSS / OOLITIC, PR. VIS. POR; NS

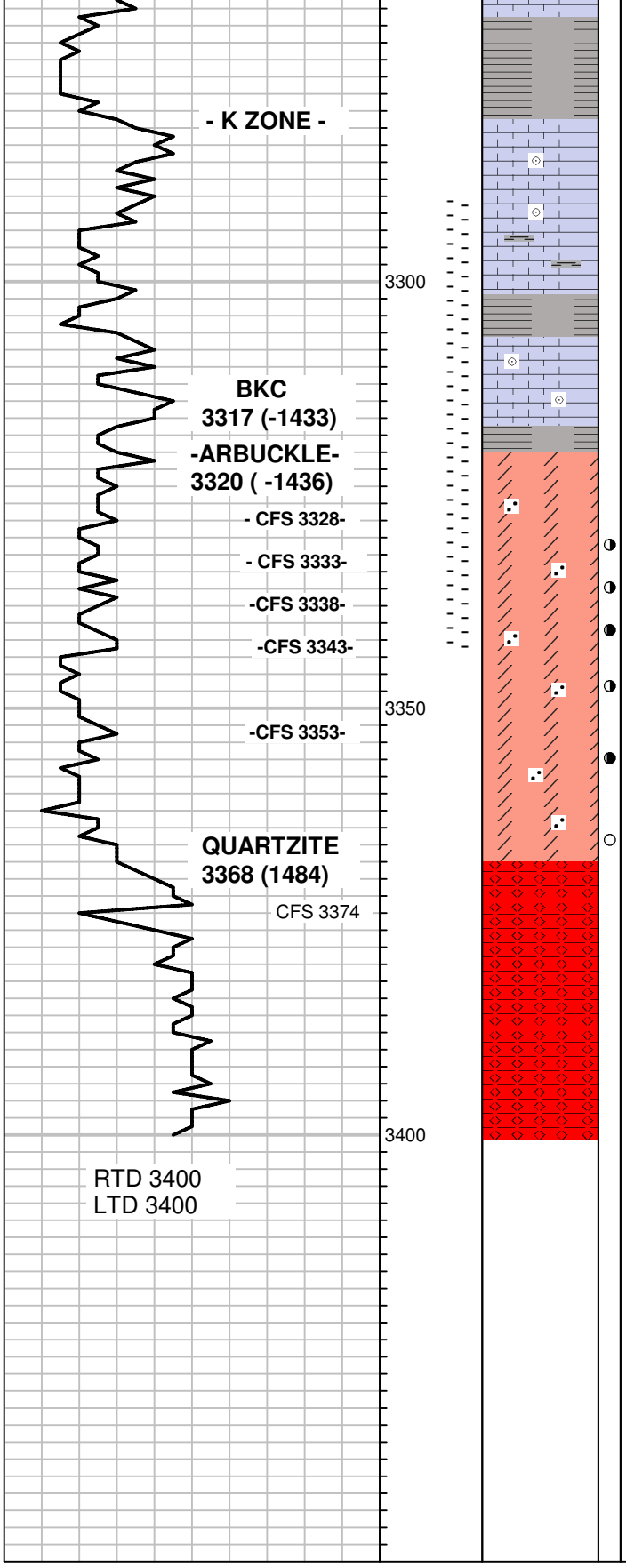
LS, TAN, V. OOLITIC, PR - FR. XLN. POR & SHALE GRY; NS

60: SHALE, BLK & V. COLORED; LS, AS ABV; NS

70: LS, TAN-BRN, OOL. / FOSS, PR - TR. FR. XLN, 1 PC. PR. LIVE STN & SSG, NFO, SOME IS SLI. CHLKY; NO ODOR.

"H" ZONE HAD GOOD SHOW AND CAME IN 4 FT. HIGH TO ALPINE WELL, OFFSET TO NW.
CONSIDERED TESTING BUT FOUND VERY LOW PRESSURES ON DSTS ON OLDER WELLS NEARBY.
ONLY 43# SIP ON #2 REXROAT, SW SE SW, SAME SECTION.
MAY WANT TO PERF BEFORE ABANDONMENT??
RAN SHORT TRIP @ 3230.
GOT BIT STUCK @ 2937. SEE NOTE ABOVE.

MUD @ 3234:
WT: 8.9
VIS: 56
FILTRATE: 6.4
CHLOR: 4000
LCM: TR.



80: SHALE, GRY, BLK, GRN, SOME SOFT, STICKY; TR. PYRITE.

90: LS, TAN-BRN, OOLITIC / FOSS, PR. - TR. FR. XLN. POR; NS

100: LS, TAN-BRN, SLI. OOL. / FOSS, PR - TR. FR. XLN. POR; NS

10: LS, AS ABV. & SHALE, GRY; NS

20 & 28: LS, TAN-BRN, VF-FXLN, V. SLI. OOL. / FOSS, PR. - TR. FR. XLN. POR; NS

28: 30" CIRC: LS, TAN-BRN, FXLN, SLI. OOLITIC / FOSS, PR. - FR. XLN. POR; SHALE, GRY: NS
28: 40" CIRC: V. SLI. TR. DOL. TAN, MXLN, PR. VIS. POR AND AS ABV; NS

33: DOL. TAN, M-CXLN, PR - TR. GD. XLN. POR, TR. CALCITIC, TR. SDY, CP. PCS. W/ SSFO&G & LT. EVEN STN, TR. QTZ; SLI. ODOR
38: DOL, AS ABV W/ PR- SM. AMT FR. XLN POR, SSFO, PR. SPTY STN, SLI- FR. ODOR

43: DOL, TAN, CXLN, PR - FR. XLN & TR. VUG. POR, LIT. W/ FSFO & PR -FR. SPTY-EVEN LT. BRN. STN, LT. SPTY-EVEN FLUOR; FEW QTZ GRNS; FR. ODOR (BEST LOOK. DOL SO FAR)

53: DOL, CRM-BUFF, M-CXLN, FR. RHOMBIC XLN POR, SFO&G, LT. FLOR & STN; GD ODOR

DOL, TAN, MXLN, FSFO; FEW QTZ GRNS

QTZ, ABT, CLR, MANY W/ PYRITE & OTHER INCLUSIONS, PR - NO FLUOR; V. WK. ODOR

QTZITE, MOST CLR SHARDS OF QTZ; TR. DOL, POSS V. SLI. SO IN 1 PC, NO FLUOR; WK ODOR.

QTZITE, MOSTLY QTZ, FEW PK FELDSPAR, V. DNS, FRAC, PR. POR, ABT. INCLUS OF PYR & DK. MINERALS; NS

QTZITE, CLR QTZ, MOST W/ DK MINERAL INCLUSIONS, PR TO NO VIS. POR; NS

DST #1: 3290-3343
TIMES: 30-45-45-60
IF: NO BLOW, FLUSHED AT 5", THEN BOB IN 24"
FF: BOB IN 25"
NO RETURN BLOW
REC: 254' TOTAL FLUID: 92' CO (37 GRAV), 45' OCM (10%O, 90%MD), 117' SW&MCO (50%O, 10% W, 40%MD)
IFP: 33-81#
FFP: 89-132#
SIP: 1068-1074#
BHT: 109 F.
SEE CHART ABOVE

PIPE STRAP @ 3343:
2.31 FT. LONG TO BOARD
WAS WINDY.

MUD @ 3343:
WT: 8.8
VIS: 55
FILTRATE: 7.2
CHLOR: 5000
LCM: 2#

DEVIATION SURVEY AT 3343:
1 DEGREE

GEOLOGIST JEFF BURK
TOOK OVER WELL @ 3343'.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7608

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-17-13	35	16	13W	Barton	KS		6:15 AM

Location Susank 25 to 170 RD 2½ E

Lease DRECO Well No. #1

Owner Ninto

Contractor Petro Work 2

To Quality Oilwell Cementing, 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 Long String

Hole Size 7 7/8 T.D.

Char-- To Bickle Energies

Csg. 5½ Depth 3386

Street

Tbg. Size Depth

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 13Ft Shoe Joint 13Ft

Cement Amount Ordered 180 10% Salt 5% Gilsonite

Meas Line Displace 80.5 BBL

EQUIPMENT

Pumptrk 16 No. Cementer Helper Matt

Bulktrk 14 No. Driver Driver Shane

Bulktrk PU No. Driver Driver Chad

JOB SERVICES & REMARKS

Remarks:

t Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Drop Ball Circulated
Mix 30 min Rat Mole
flush 10 BBL of Water
Behind it plugged Rat hole
mix 150 Sk down hole
Dis Plug 80.5 BBL of Mute
Lift 600 PSI
Land 1600 PSI

Common

Poz. Mix

Gel.

Calcium

Hulls

Salt 16

Flowseal

Kol-Seal 900 #

Mud CLR 48 500 Gal

CFL-117 or CD110 CAF 38

Sand

Handling 205

Mileage 5¢

FLOAT EQUIPMENT

Guide Shoe

Centralizer turbos 7

Baskets 1

AFU Inserts

Float Shoe 1

Latch Down 1

Rotating Head

Pumptrk Charge Prod Long String

Mileage 18

Tax

Discount

Total Charge

X Signature

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7005

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-11-13	[illegible]	[illegible]	[illegible]	Barton	KS		11:45
	4-16	-13		Location Susank 2S 2½ E N into			

Lease ~~[illegible]~~ Dreco | Well No. ~~[illegible]~~ #1 | Owner

Contractor Petromark #2

Type Job Surface

Hole Size 12 ¼ | T.D. 774'

Csg. 8 5/8 | Depth 774'

Tbg. Size | Depth

Tool | Depth

Cement Left in Csg. 42' | Shoe Joint 42'

Meas Line | Displace 46 ½ bbl

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Bickle Energy

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 325 com 3% cc 2% gel

EQUIPMENT

	No.		
Pumptrk 16	No.	Cementer / Helper	Billy
Bulktrk 13	No.	Driver / Driver	Craig
Bulktrk Pu	No.	Driver / Driver	Brett

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement did circulate

Circulated!!

Common	
Poz. Mix	
Gel.	
Calcium.	
Hulls	
Salt.	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

X Signature [illegible signature]

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 55786

Well Name & No. Dreco #1 Test No. 1 Date 11-15-13

Company Beckle Energies LLC Elevation 1884 KB 1879 GL

Address 2052 250th Ave Hays KS 67601

Co. Rep / Geo. Jeff Burk Rig Petromark #2

Location: Sec. 35 Twp. 16S Rge. 13W Co. Barton State KS

Interval Tested 3290-3343 Zone Tested Arbuckle

Anchor Length 53 Drill Pipe Run 3177 Mud Wt. 8.9

Top Packer Depth 2285 Drill Collars Run 117 Vis 56

Bottom Packer Depth 3290 Wt. Pipe Run 0 WL 6.4

Total Depth 3343 Chlorides 4000 ppm System LCM TR

Blow Description IFP- No Blow Flushed 5min. BOB in 24min.
ISIP- No Blow
FFP- BOB in 25min
FSIP- No Blow

Rec 117	Feet of WMCO	%gas 50	%oil 10	%water 40	%mud
Rec 45	Feet of OCM	%gas 10	%oil	%water 90	%mud
Rec 92	Feet of CO	%gas 100	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 254 BHT 109 Gravity 37 API RW ____ @ ____ °F Chlorides ____ ppm

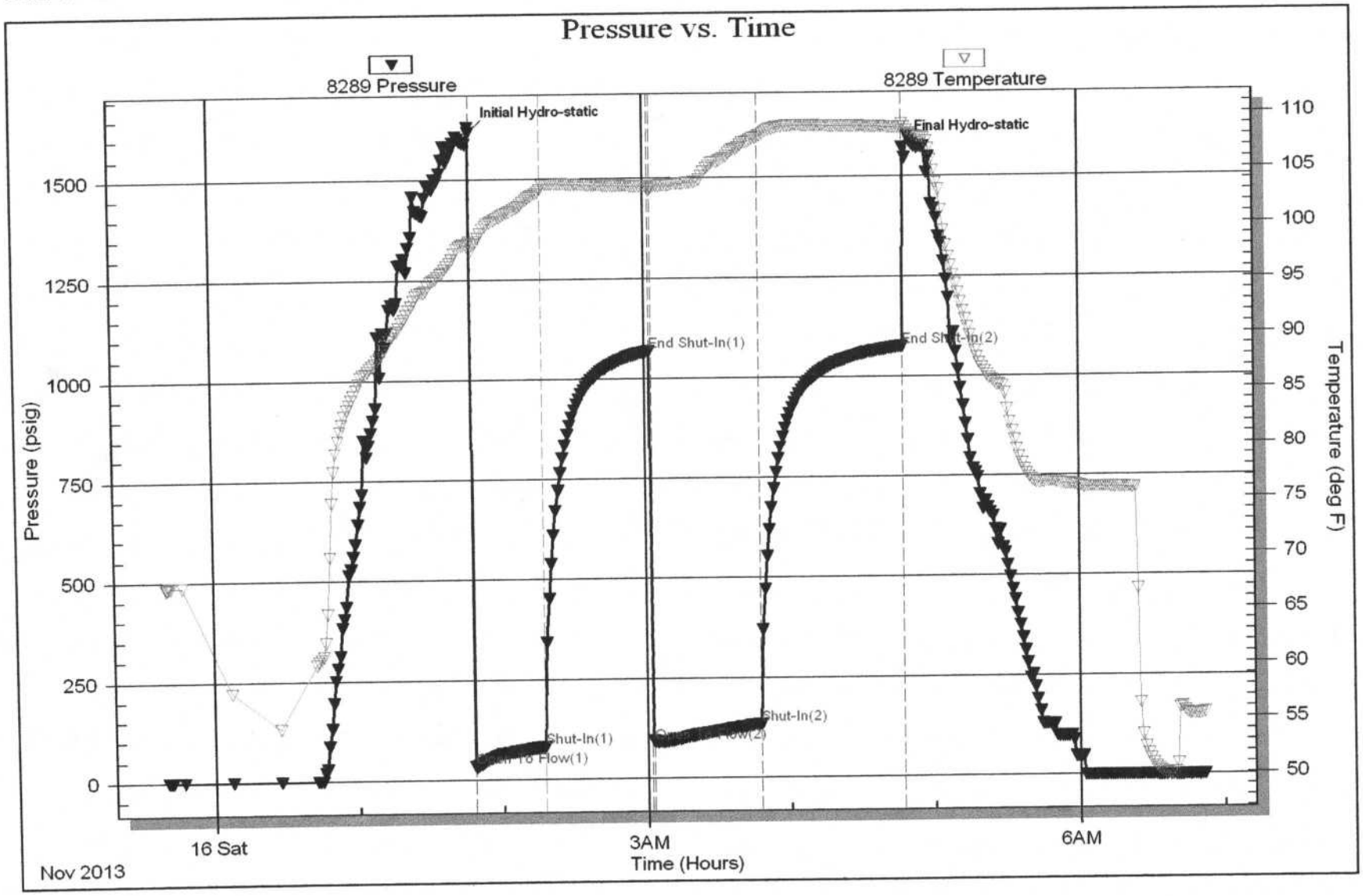
(A) Initial Hydrostatic 1616	☑ Test	T-On Location 23:40
(B) First Initial Flow 33	☑ Jars	T-Started 23:40
(C) First Final Flow 81	☑ Safety Joint	T-Open 01:48
(D) Initial Shut-In 1068	☐ Circ Sub	T-Pulled 04:48
(E) Second Initial Flow 89	☐ Hourly Standby	T-Out 06:52
(F) Second Final Flow 132	☑ Mileage 95 RT	Comments
(G) Final Shut-In 1074	☐ Sampler	
(H) Final Hydrostatic 1572	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 45	☐ Extra Recorder	Sub Total
Final Flow 45	☐ Day Standby	Total
Final Shut-In 60	☐ Accessibility	MP/DST Disc't
	Sub Total	

Approved By ____ Our Representative ____

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.

785-639-5864

Serial #: 8289 **Outside** Bickle Energies LLC Dreco # 1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 55786 Printed: 2013.11.16 @ 07:01:47