KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1056764

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32819
Name: Baird Oil Company LLC
Address 1: 113 W MAIN
Address 2: PO BOX 428
City: LOGAN State: KS Zip: 67646 + __ __ __ __
Contact Person: Jim R. Baird
Phone: (785) 689-7456
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Richard B. Bell
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

5/14/2011	5/20/2011	5/20/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20564-00-00
Spot Description:
NE - NW - NW - SW Sec. 13 Twp. 4 S. R. 22 [ ] East [x] West
2500 Feet from [ ] North / [x] South Line of Section
420 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW
County: Norton
Lease Name: Hansen Foundation Well #: 1-13
Field Name:
Producing Formation: NA
Elevation: Ground: 2208 Kelly Bushing: 2213
Total Depth: 3679 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 1900 ppm Fluid volume: 500 bbls
Dewatering method used: Evaporated
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

- [x] **Letter of Confidentiality Received**
  Date: 06/08/2011
- [x] **Confidential Release Date:** 06/07/2013
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** NAOMI JAMES **Date:** 06/09/2011

Side Two

1056764

Operator Name: Baird Oil Company LLC Lease Name: Hansen Foundation Well #: 1-13

Sec. 13 Twp. 4 S. R. 22 ☐ East ☑ West County: Norton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

RAG
MICRO

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

Name	Top	Datum
Attached	Attached	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	220	Standard	160	3%cc,2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ 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:

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

Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Hansen Foundation 1-13
Doc ID	1056764

Tops

Name	Top	Datum
Anhydrite	1880	+333
Base Anhydrite	1901	+312
Topeka	3182	-969
Heebner	3378	-1165
Toronto	3411	-1198
Lansing	3424	-1211
Base Kansas City	3611	-1398
Marmaton	3643	-1430
Arbuckle	3670	-1457
Total Depth	3679	-1466

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

Kansas
Corporation Commission

phone: 316-337-6200
fax: 316-337-6211
http://kcc.ks.gov/

May 27, 2011

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO1
API 15-137-20654-00-00
Hansen Foundation 1-13
Sec.-S-
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,
Jim R. Baird

API # 15-137-~~20654~~ 20564-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
LEASE Hansen Foundation #1-13
FIELD Wildcat
LOCATION 2500'FSL + 420'FWL
SEC 13 TWSP 4s RGE 22w
COUNTY Norton STATE Kansas

ELEVATION
KB 2213'
DF 2211'
GL 2208'
Depths Measured From
Log KB Drilling KB

CONTRACTOR WW Drilling Rig #8
SPUD 5-14-11 COMP 5-20-11
SAMPLES SAVED FROM 3150' TO R.T.D.

CASING
Surface ~~8 5/8" @~~ 220'
Production None

ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				-◇-	-◇-		
Anhydrite	1881	1880	+ 333	+ 339	+ 341		
Base Anhydrite	1902	1901	+ 312	+ 309	+ 313		
Topeka	3183	3182	- 969	- 975	- 985		
Heebner	3379	3378	- 1165	- 1174	- 1185		
Toronto	3411	3411	- 1198	- 1201	- 1212		
Lansing	3426	3424	- 1211	- 1217	- 1227		
Base Kansas City	3612	3611	- 1398	- 1407	- 1419		
Marmaton	3644	3643	- 1430				
Arbuckle	3670	3670	- 1457	- 1457	- 1463		
Granite	3678	N.R Samples	- 1465		- 1620		
Total Depth	3679	3679	- 1466	- 1469	- 1631		

REFERENCE WELLS

A Hummon Corp., Bales #1 SW.SW.SW Sec. 13-4s-22w
B Baird Oil Co., LLC., Nuttycamb Trust #1-18 390'FSL + 2210'FEL Sec. 18-4s-21w
C
D

REMARKS

This well ran 6 feet to 16 feet higher on the Lansing top than the reference wells. Encouraging structural position was encountered but D.S.T. and open hole log results dictate this well should be plugged and abandoned.

Richard B. Bell
5-20-11

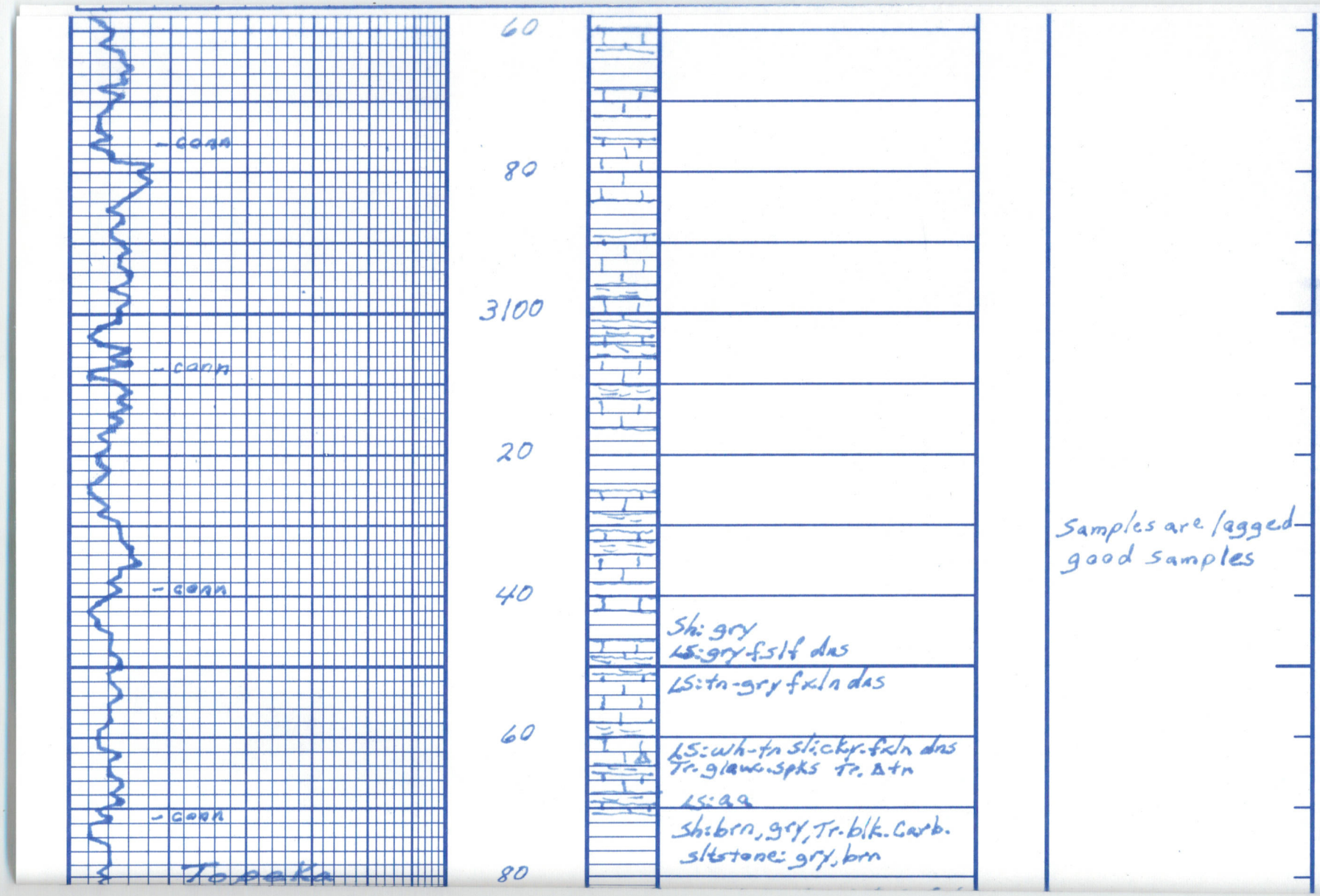
7502

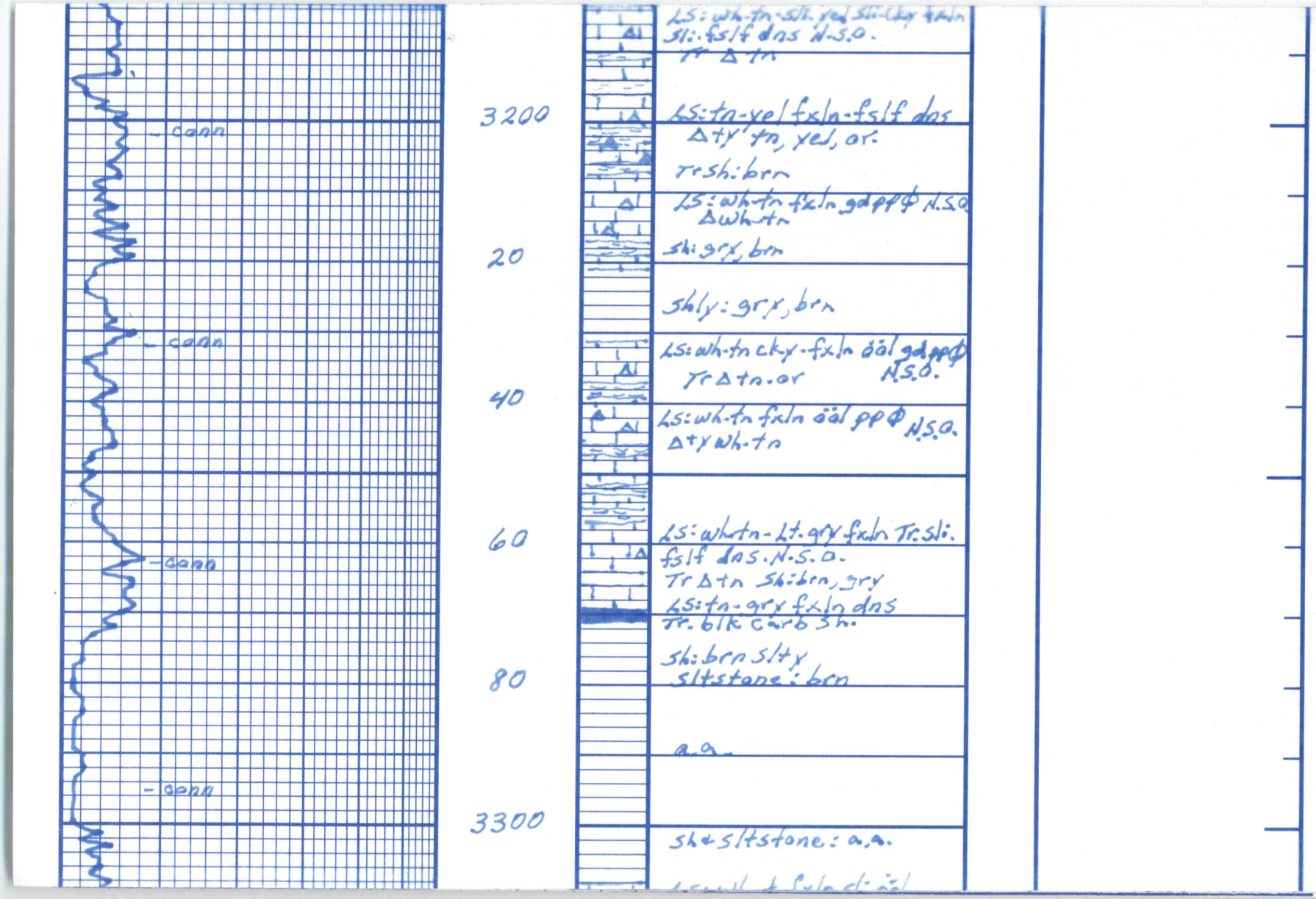
LEGEND

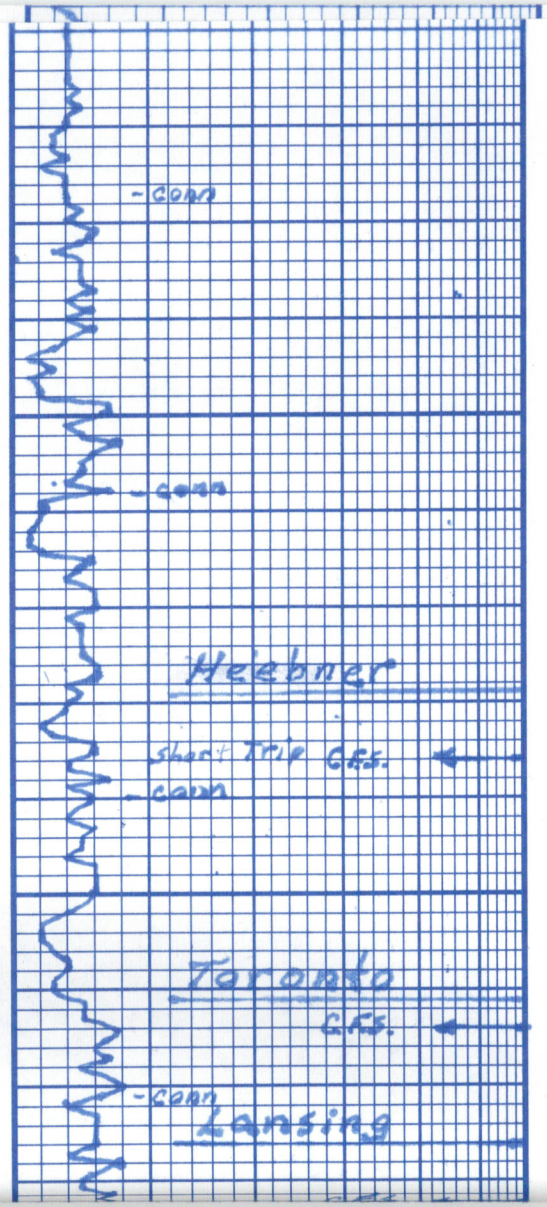
LOG 7710

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 5" 10" 15" 20" 25"	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
Anhydrite ~conn~ Base Anhydrite	1870 1900				

3000
20
40


60
80
3100
20
40
60
80
- conn
- conn
- conn
- conn
Topeka
Sh: gry
LS: gry f sl f dns
LS: tn-gry f x-ln dns
LS: wh-tn sl. sticky f x-ln dns
Tr. glauc. spks Tr. Δ tn
LS: aa
Sh: brn, gry, Tr. blk. Carb.
sltstone: gry, brn
Samples are lagged
good samples


3200
20
40
60
80
3300
LS: wh-tn-sli. yel sli-cky fxln
sli: fslf dns N.S.O.
Tr Δ tn
LS: tn-yel fxln-fslf dns
Δ tn, yel, or.
Tr sh: brn
LS: wh-tn fxln gd pp Φ N.S.O.
Δ wh-tn
sh: grn, brn
shly: grn, brn
LS: wh-tn cky-fxln dol gd pp Φ
Tr Δ tn. or N.S.O.
LS: wh-tn fxln dol pp Φ N.S.O.
Δ tn wh-tn
LS: wh-tn-Lt. grn fxln Tr sli.
fslf dns. N.S.O.
Tr Δ tn sh: brn, grn
LS: tn-grn fxln dns
Tr. blk carb sh.
sh: brn slty
siltstone: brn
a.a.
sh & siltstone: a.a.



20

40

60

80

3400

20

Trpl. pp Φ N.S.O.

Sh: brn, gry
siltstone: brn, gry
LS: tn-gry fslf dns

Tr. blk Carb. sh
LS: tn fxln dns

LS: wh-tn cky-fxln ool
pp Φ N.S.O.
~~LS: wh-tn fxln dns~~
Tr Δ wh-tn

~~LS: wh-tn sli. cky-fxln ool~~
friable pp Φ N.S.O.
Δ tn

LS: wh-tn-lt. gry sli. cky. fxln
mostly dns Δ wh-tn

~~Sh: Blk Carb.~~
LS: tn-lt. gry sli. fslf dns
~~sh: brn, gry, grn~~
siltstone: gry, brn

Shly: brn, grn, gry
siltstone: gry, brn
Pyrite

LS: wh-tn fxln fnly ool
pp Φ N.S.O. No cut
Tr Δ tn-or

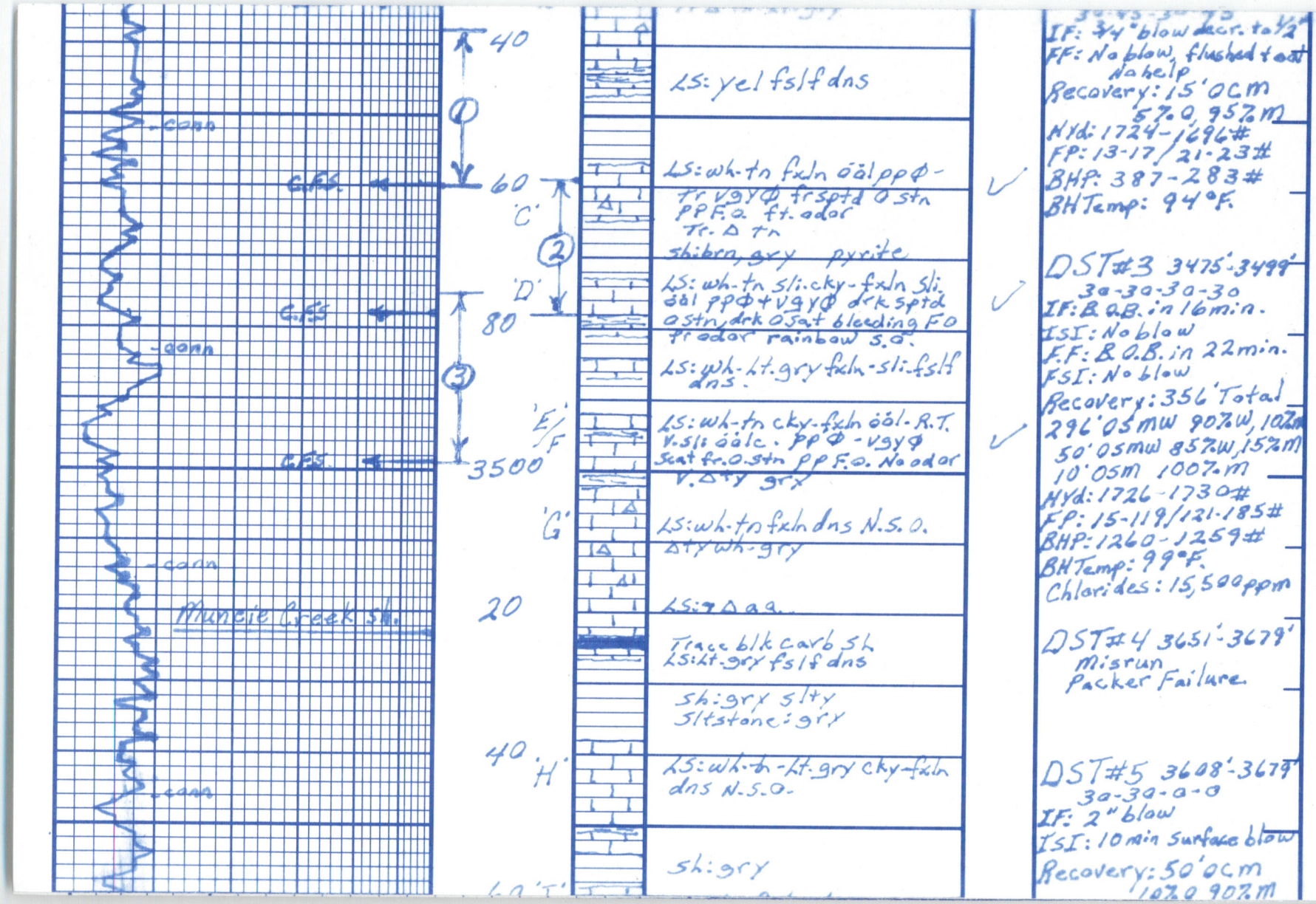
Sh: brn slty, grn

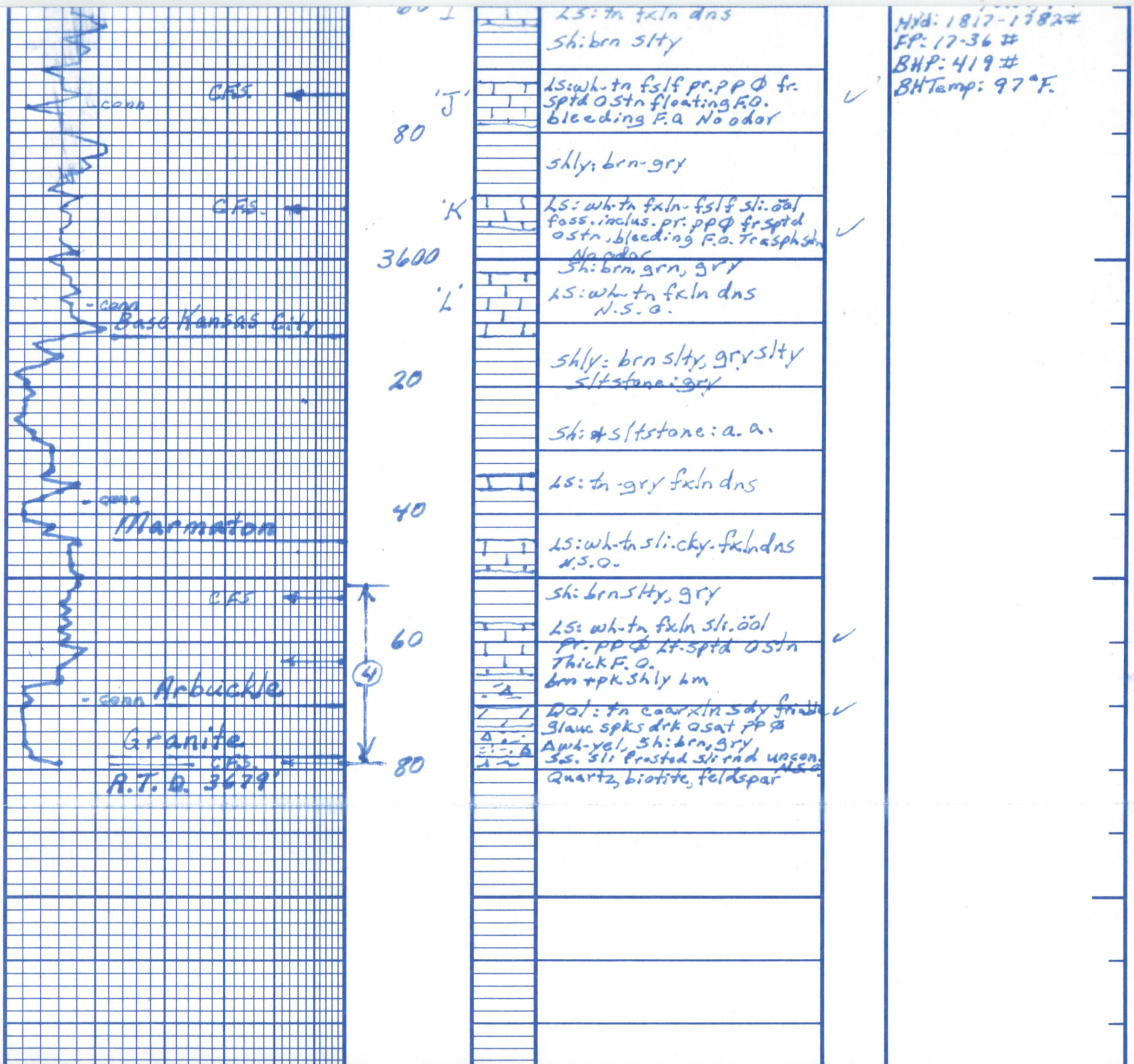
LS: wh-tn sli. cky. fxln
~~Tr ool pp Φ N.S.O. No cut~~

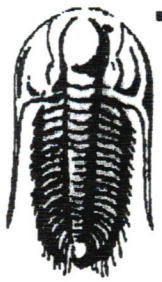
Trilobite Testing

DST #1 3438'-3466'
30-30-30-30
IF: 1/8" blow
FF: No blow
Recovery: 10' OCM
27.0, 987.m
Hyd: 1704-1763#
FP: 11-16/24-20#
2nd flow - plugging
BHP: 738-450#
BH Temp: 96° F.

DST #2 3459'-3478'


40
60
80
3500
20
40
'C'
'D'
'E/F'
'G'
'H'
'I'
C.F.S.
C.F.S.
C.F.S.
Muncie Creek Sh.
LS: yel fslf dns
LS: wh-tn fxln ööl pp Φ - fr vgy Φ fr sptd O stn pp F.o. ft. odor Tr. Δ tn shi brn, gry pyrite
LS: wh-tn sli. cky-fxln sli. ööl pp Φ + vgy Φ drk sptd O stn, drk O sat bleeding FO fr odor rainbow s.o.
LS: wh-Lt. gry fxln-sli. fslf dns.
LS: wh-tn cky-fxln ööl-R.T. v. sli ööl c. pp Φ - vgy Φ scat fr. O stn pp F.o. No odor v. Δ ty gry
LS: wh-tn fxln dns N.S.O. Δ ty wh-gry
LS: Δ aa.
Trace blk carb sh LS: Lt-gry fslf dns
Sh: gry slty Siltstone: gry
LS: wh-tn-Lt. gry cky-fxln dns N.S.O.
Sh: gry
IF: 3/4" blow decr. to 1/2
FF: No blow, flushed tool No help
Recovery: 15'OCM 57.0, 95% M
Hyd: 1724-1696#
FP: 13-17/21-23#
BHP: 387-283#
BH Temp: 94°F.
DST#3 3475'-3499'
30-30-30-30
IF: B.O.B. in 16 min.
ISI: No blow
FF: B.O.B. in 22 min.
FSI: No blow
Recovery: 356' Total
296'OSMW 90% W, 10% M
50'OSMW 85% W, 15% M
10'OSM 100% M
Hyd: 1726-1730#
FP: 15-119/121-185#
BHP: 1260-1259#
BH Temp: 99°F.
Chlorides: 15,500 ppm
DST#4 3651'-3679'
Misrun
Packer Failure
DST#5 3608'-3679'
30-30-0-0
IF: 2" blow
ISI: 10 min surface blow
Recovery: 50'OCM
10% O 90% M


Hyd: 1817-1782#
FP: 17-36 #
BHP: 419 #
BHTemp: 97 °F.
LS: tn fxln dns
Sh: brn slty
'J'
LS: wh-tn fslf pr. pp Ø fr. sptd O stn floating F.O. bleeding F.a No odor
80
shly: brn-gry
'K'
LS: wh-tn fxln-fslf sli. ool foss. inclus. pr. pp Ø fr sptd o stn, bleeding F.O. Trasph
3600
Sh: brn. grn, gry
'L'
LS: wh-tn fxln dns N.S.O.
Base Kansas City
shly: brn slty, gry slty
20
Sh: # slt stone: a. a.
LS: tn-gry fxln dns
40
Marmaton
LS: wh-tn sli. cky. fxln dns N.S.O.
Sh: brn slty, gry
LS: wh-tn fxln sli. ool
60
Thick F. O.
brn + pk shly Lm
Dol: tn coarse xln sdy frable
Glauc spks drk o sat pp Ø
Arbuckle
Awk-yel, Sh: brn, gry
Ss. sli frosted sli rnd uncon.
80
Quartz, biotite, feldspar
Granite
R.T.D. 3679'



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

13-4s-22w Norton KS

Hansen Foundation #1-13

Start Date: 2011.05.17 @ 14:40:00
End Date: 2011.05.17 @ 19:53:45
Job Ticket #: 041108 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041108 **DST#: 1**

Test Start: 2011.05.17 @ 14:40:00

GENERAL INFORMATION:

Formation: LKC "C"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:30:00
Time Test Ended: 19:53:45

Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43

Interval: 3438.00 ft (KB) To 3460.00 ft (KB) (TVD)
Total Depth: 3460.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

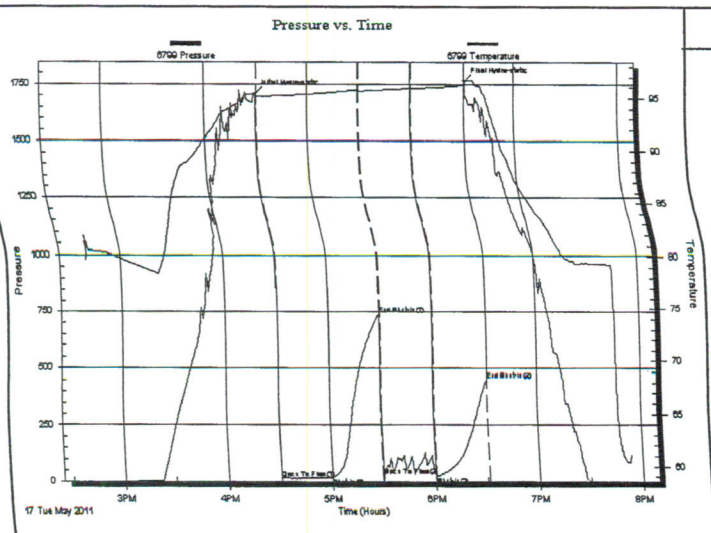
Reference Elevations: 2213.00 ft (KB)
2208.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 **Inside**

Press@RunDepth: 20.24 psig @ 3439.00 ft (KB)
Start Date: 2011.05.17 End Date: 2011.05.17
Start Time: 14:40:05 End Time: 19:53:44

Capacity: 8000.00 psig
Last Calib.: 2011.05.17
Time On Btm: 2011.05.17 @ 16:29:45
Time Off Btm: 2011.05.17 @ 18:31:30

TEST COMMENT: IF:Surface blow builtto 1/8"
IS: No Return
FF: No Blow
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.31	95.52	Initial Hydro-static
1	11.71	94.42	Open To Flow (1)
31	16.95	95.39	Shut-In(1)
60	738.83	95.78	End Shut-In(1)
61	24.16	95.62	Open To Flow (2)
91	20.24	95.94	Shut-In(2)
121	450.40	96.21	End Shut-In(2)
122	1763.85	96.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 2o 98M	0.05

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041108 **DST#: 1**

Test Start: 2011.05.17 @ 14:40:00

Tool Information

Drill Pipe:	Length:	3330.00 ft	Diameter:	3.80 inches	Volume:	46.71 bbl
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl
					Total Volume:	47.30 bbl

Drill Pipe Above KB:	32.00 ft
Depth to Top Packer:	3438.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	22.00 ft
Tool Length:	42.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	ft
String Weight: Initial	42000.00 lb
Final	42000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3423.00		
Hydraulic tool	5.00			3428.00		
Packer	5.00			3433.00	20.00	Bottom Of Top Packer
Packer	5.00			3438.00		
Stubb	1.00			3439.00		
Recorder	0.00	8648	Inside	3439.00		
Recorder	0.00	6799	Inside	3439.00		
Perforations	16.00			3455.00		
Bullnose	5.00			3460.00	22.00	Bottom Packers & Anchor
Total Tool Length:	**42.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041108 **DST#: 1**

Test Start: 2011.05.17 @ 14:40:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

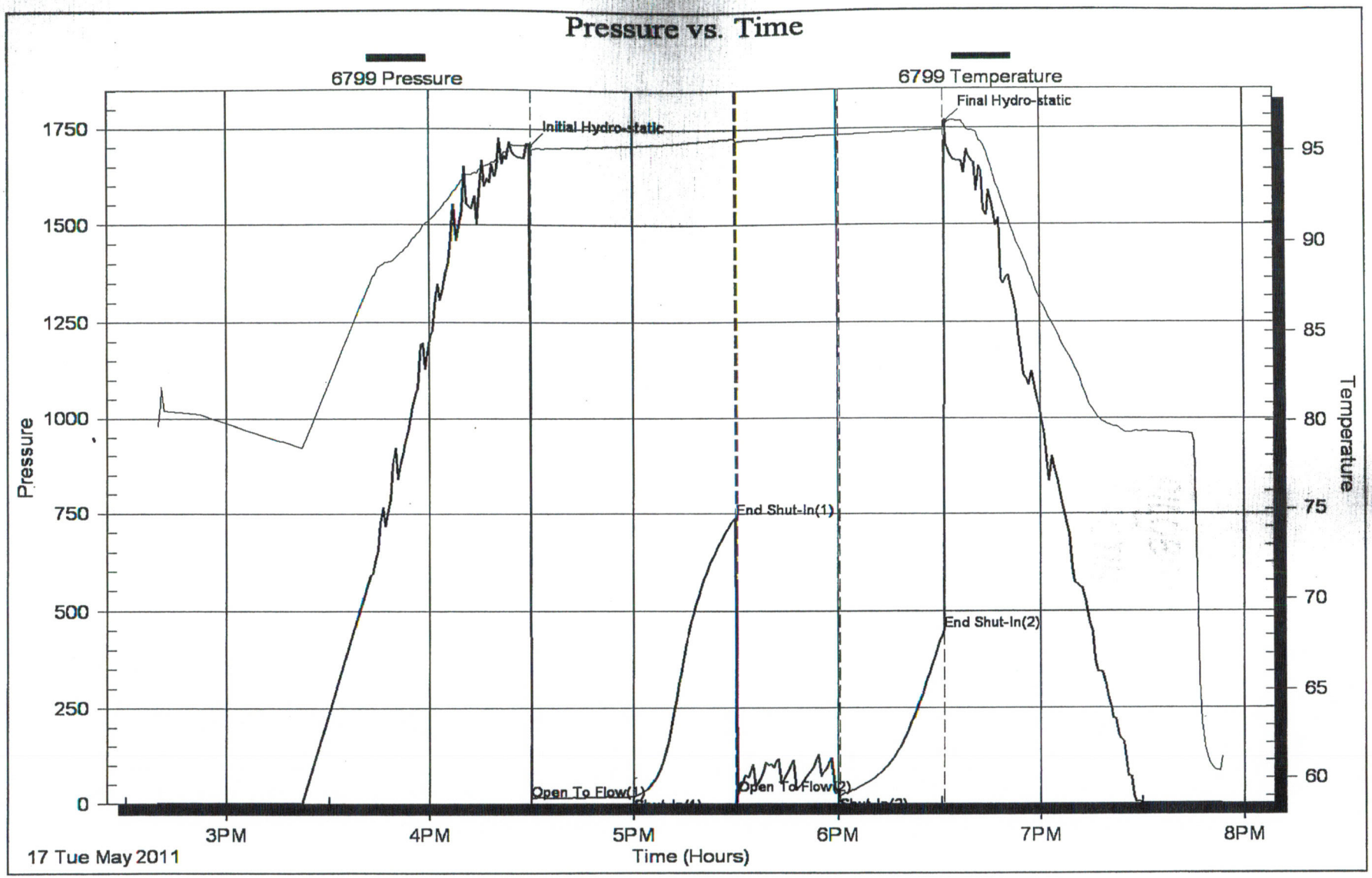
Recovery Information

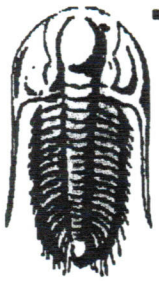
Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 2o 98M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6799 Pressure
6799 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
65
60
3PM
4PM
5PM
6PM
7PM
8PM
17 Tue May 2011
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

13-4s-22w Norton KS

Hansen Foundation #1-13

Start Date: 2011.05.18 @ 13:42:00
End Date: 2011.05.18 @ 19:41:30
Job Ticket #: 041109 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041109 **DST#: 2**

Test Start: 2011.05.18 @ 13:42:00

GENERAL INFORMATION:

Formation: LKC "D"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:51:00
Time Test Ended: 19:41:30

Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43

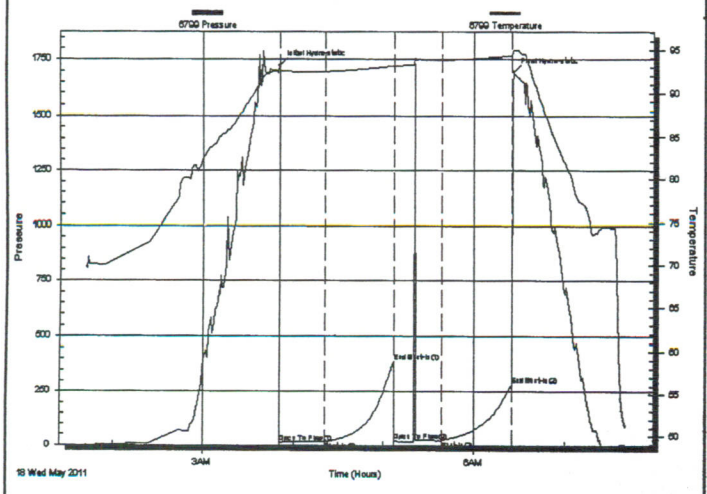
Interval: 3459.00 ft (KB) To 3478.00 ft (KB) (TVD)
Total Depth: 3478.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2213.00 ft (KB)
2208.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 **Inside**
Press@RunDepth: 23.30 psig @ 3460.00 ft (KB)
Start Date: 2011.05.18 End Date: 2011.05.18
Start Time: 01:42:05 End Time: 07:41:29

Capacity: 8000.00 psig
Last Calib.: 2011.05.18
Time On Btm: 2011.05.18 @ 03:50:45
Time Off Btm: 2011.05.18 @ 06:26:15

TEST COMMENT: IF: Surface blow built to 3/4" then died back to 1/2"
IS: No Return
FF: No Blow - flushed tool at 15 min.- No Blow
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.64	92.93	Initial Hydro-static
1	13.07	92.51	Open To Flow (1)
31	17.09	92.48	Shut-In(1)
76	387.90	93.15	End Shut-In(1)
77	21.93	93.10	Open To Flow (2)
108	23.30	93.82	Shut-In(2)
154	283.11	94.30	End Shut-In(2)
156	1696.20	94.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 5o 95M	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041109 **DST#: 2**

Test Start: 2011.05.18 @ 13:42:00

Tool Information

Drill Pipe:	Length:	3331.00 ft	Diameter:	3.80 inches	Volume:	46.73 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	47.32 bbl	

Drill Pipe Above KB:	13.00 ft
Depth to Top Packer:	3459.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	19.00 ft
Tool Length:	40.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	ft
String Weight: Initial	42000.00 lb
Final	42000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3439.00		
Shut In Tool	5.00			3444.00		
Hydraulic tool	5.00			3449.00		
Packer	5.00			3454.00	21.00	Bottom Of Top Packer
Packer	5.00			3459.00		
Stubb	1.00			3460.00		
Recorder	0.00	8648	Inside	3460.00		
Recorder	0.00	6799	Inside	3460.00		
Perforations	13.00			3473.00		
Bullnose	5.00			3478.00	19.00	Bottom Packers & Anchor
Total Tool Length:	**40.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041109 **DST#: 2**

Test Start: 2011.05.18 @ 13:42:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 5o 95M	0.074

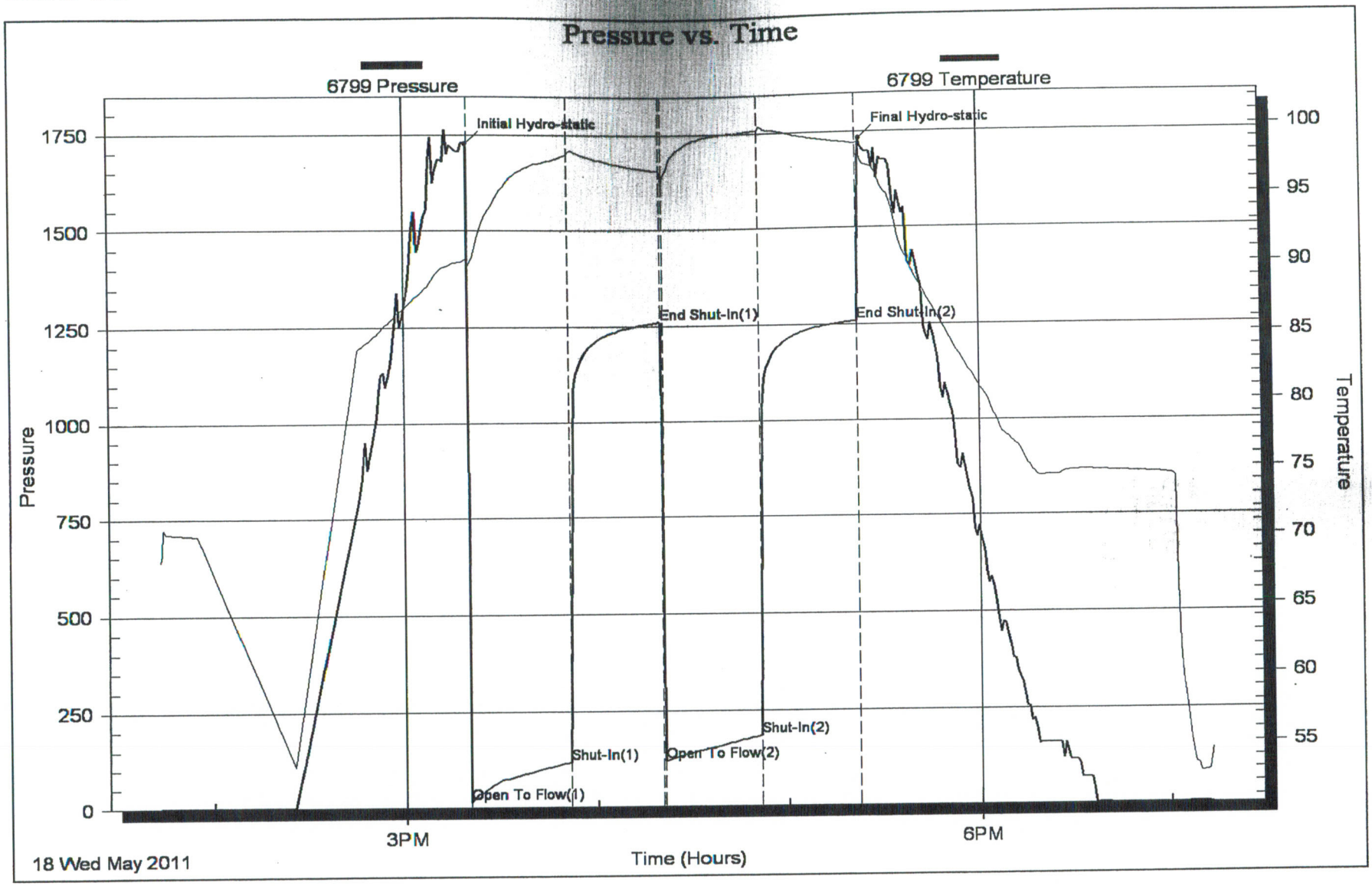
Total Length: 15.00 ft Total Volume: 0.074 bbl

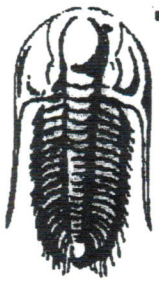
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6799 **Inside** Baird Oil Co. LLC 13-4s-22w Norton KS DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

13-4s-22w Norton KS

Hansen Foundation #1-13

Start Date: 2011.05.18 @ 13:43:00
End Date: 2011.05.18 @ 19:13:00
Job Ticket #: 041110 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041110 **DST#: 3**

Test Start: 2011.05.18 @ 13:43:00

GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:19:45
Time Test Ended: 19:13:00

Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43

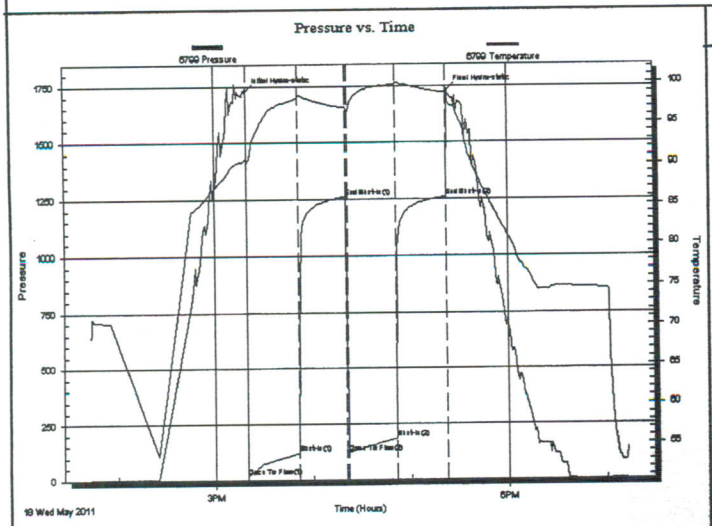
Interval: 3475.00 ft (KB) To 3499.00 ft (KB) (TVD)
Total Depth: 3499.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2213.00 ft (KB)
2208.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 **Inside**
Press@RunDepth: 185.09 psig @ 3476.00 ft (KB)
Start Date: 2011.05.18 End Date: 2011.05.18
Start Time: 13:43:05 End Time: 19:12:59

Capacity: 8000.00 psig
Last Calib.: 2011.05.18
Time On Btm: 2011.05.18 @ 15:19:30
Time Off Btm: 2011.05.18 @ 17:23:15

TEST COMMENT: IF: BOB in 16 min.
IS: No Return
FF: BOB in 22 min
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.23	90.59	Initial Hydro-static
1	15.04	89.94	Open To Flow (1)
32	119.51	98.15	Shut-In(1)
61	1260.62	96.93	End Shut-In(1)
62	121.39	96.13	Open To Flow (2)
92	185.09	99.82	Shut-In(2)
123	1259.53	98.77	End Shut-In(2)
124	1730.81	97.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM (Heavy Mud) 100M (oil spots)	0.05
50.00	OSMW 15M 85W (oil spots)	0.25
296.00	OSMW 10M 90W (oil spots)	3.61

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041110 **DST#: 3**

Test Start: 2011.05.18 @ 13:43:00

Tool Information

Drill Pipe:	Length:	3361.00 ft	Diameter:	3.80 inches	Volume:	47.15 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	47.74 bbl	

Drill Pipe Above KB:	27.00 ft
Depth to Top Packer:	3475.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	24.00 ft
Tool Length:	45.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	ft
String Weight: Initial	44000.00 lb
Final	47000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3455.00		
Shut In Tool	5.00			3460.00		
Hydraulic tool	5.00			3465.00		
Packer	5.00			3470.00	21.00	Bottom Of Top Packer
Packer	5.00			3475.00		
Stubb	1.00			3476.00		
Recorder	0.00	8648	Inside	3476.00		
Recorder	0.00	6799	Inside	3476.00		
Perforations	18.00			3494.00		
Bullnose	5.00			3499.00	24.00	Bottom Packers & Anchor
Total Tool Length:	**45.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041110 **DST#: 3**

Test Start: 2011.05.18 @ 13:43:00

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:	15500 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

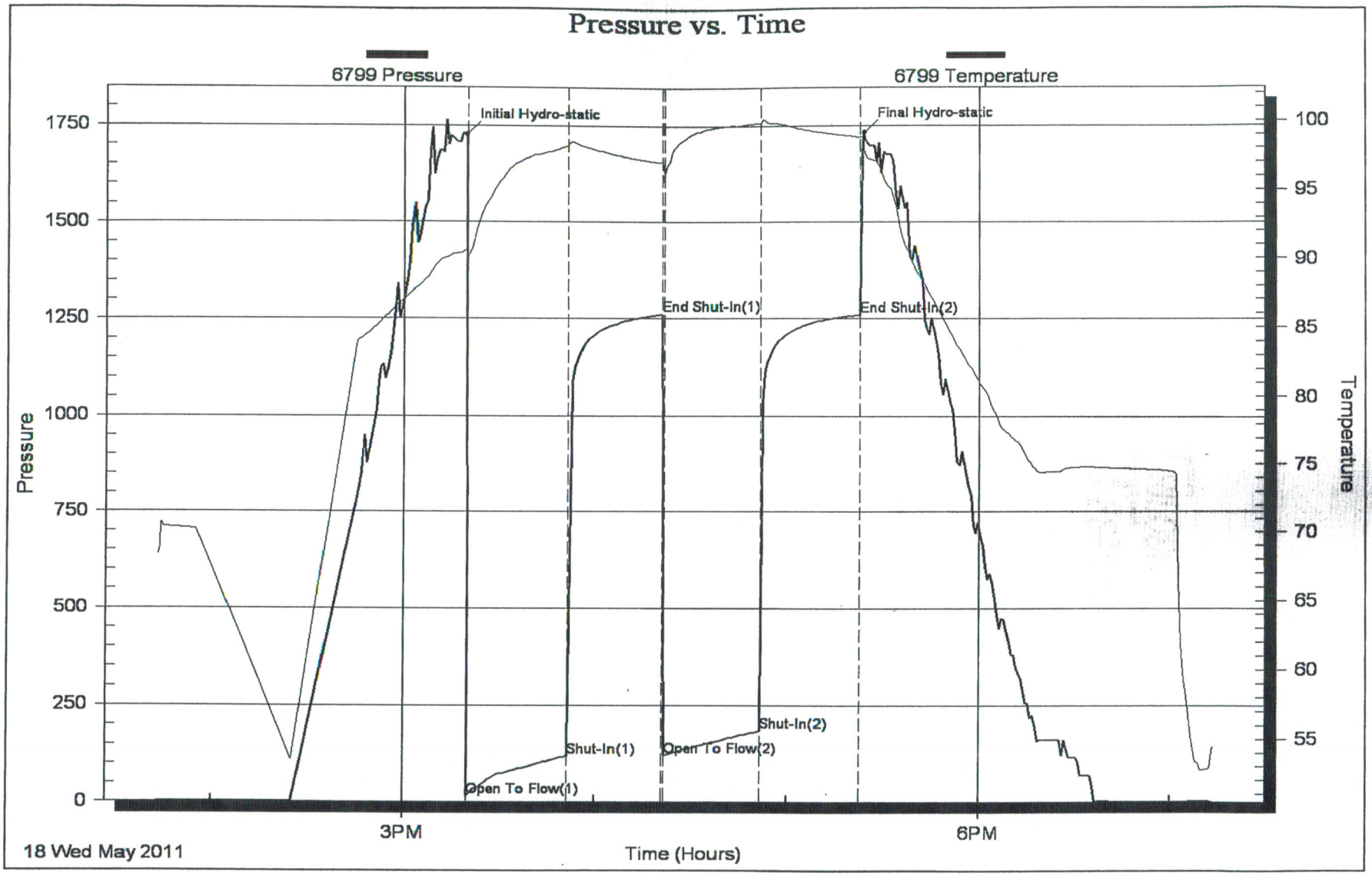
Length ft	Description	Volume bbl
10.00	OSM (Heavy Mud) 100M (oil spots)	0.049
50.00	OSMW 15M 85W (oil spots)	0.246
296.00	OSMW 10M 90W (oil spots)	3.606

Total Length: 356.00 ft Total Volume: 3.901 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Show of free oil at first wet connection
RW .22 @ 58 = 15,500 ppm


Pressure vs. Time
6799 Pressure
6799 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
Time (Hours)
3PM
6PM
18 Wed May 2011
1750
1500
1250
1000
750
500
250
0
100
95
90
85
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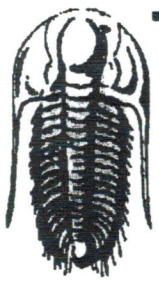
75
70
65
60
55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

13-4s-22w Norton KS

Hansen Foundation #1-13

Start Date: 2011.05.18 @ 13:24:00
End Date: 2011.05.18 @ 17:12:00
Job Ticket #: 041111 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041111 **DST#: 4**

Test Start: 2011.05.18 @ 13:24:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:16:15
Time Test Ended: 17:12:00

Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43

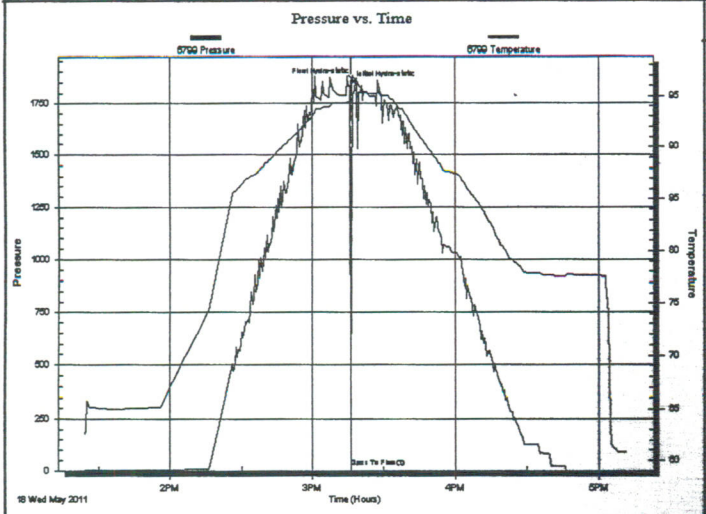
Interval: 3651.00 ft (KB) To 3679.00 ft (KB) (TVD)
Total Depth: 3679.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2213.00 ft (KB)
2208.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799 **Inside**
Press@RunDepth: psig @ 3652.00 ft (KB)
Start Date: 2011.05.18 End Date: 2011.05.18
Start Time: 13:24:05 End Time: 17:12:00

Capacity: 8000.00 psig
Last Calib.: 2011.05.19
Time On Btm: 2011.05.18 @ 15:16:00
Time Off Btm: 2011.05.18 @ 15:18:15

TEST COMMENT: IF: Packer Failure... Tripped out of hole tor un another test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1834.42	94.44	Initial Hydro-static
1	16.02	93.92	Open To Flow (1)
3	1850.77	96.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
306.00	Mud 100M	3.20

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041111 **DST#: 4**

Test Start: 2011.05.18 @ 13:24:00

Tool Information

Drill Pipe:	Length:	3542.00 ft	Diameter:	3.80 inches	Volume:	49.68 bbl
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl
					Total Volume:	50.27 bbl

Drill Pipe Above KB:	32.00 ft
Depth to Top Packer:	3651.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	28.00 ft
Tool Length:	49.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		lb
Tool Chased		ft
String Weight:	Initial	45000.00 lb
	Final	46000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3631.00		
Shut In Tool	5.00			3636.00		
Hydraulic tool	5.00			3641.00		
Packer	5.00			3646.00	21.00	Bottom Of Top Packer
Packer	5.00			3651.00		
Stubb	1.00			3652.00		
Recorder	0.00	8648	Inside	3652.00		
Recorder	0.00	6799	Inside	3652.00		
Perforations	22.00			3674.00		
Bullnose	5.00			3679.00	28.00	Bottom Packers & Anchor
Total Tool Length:	**49.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041111 **DST#: 4**

Test Start: 2011.05.18 @ 13:24:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	2.00 inches				

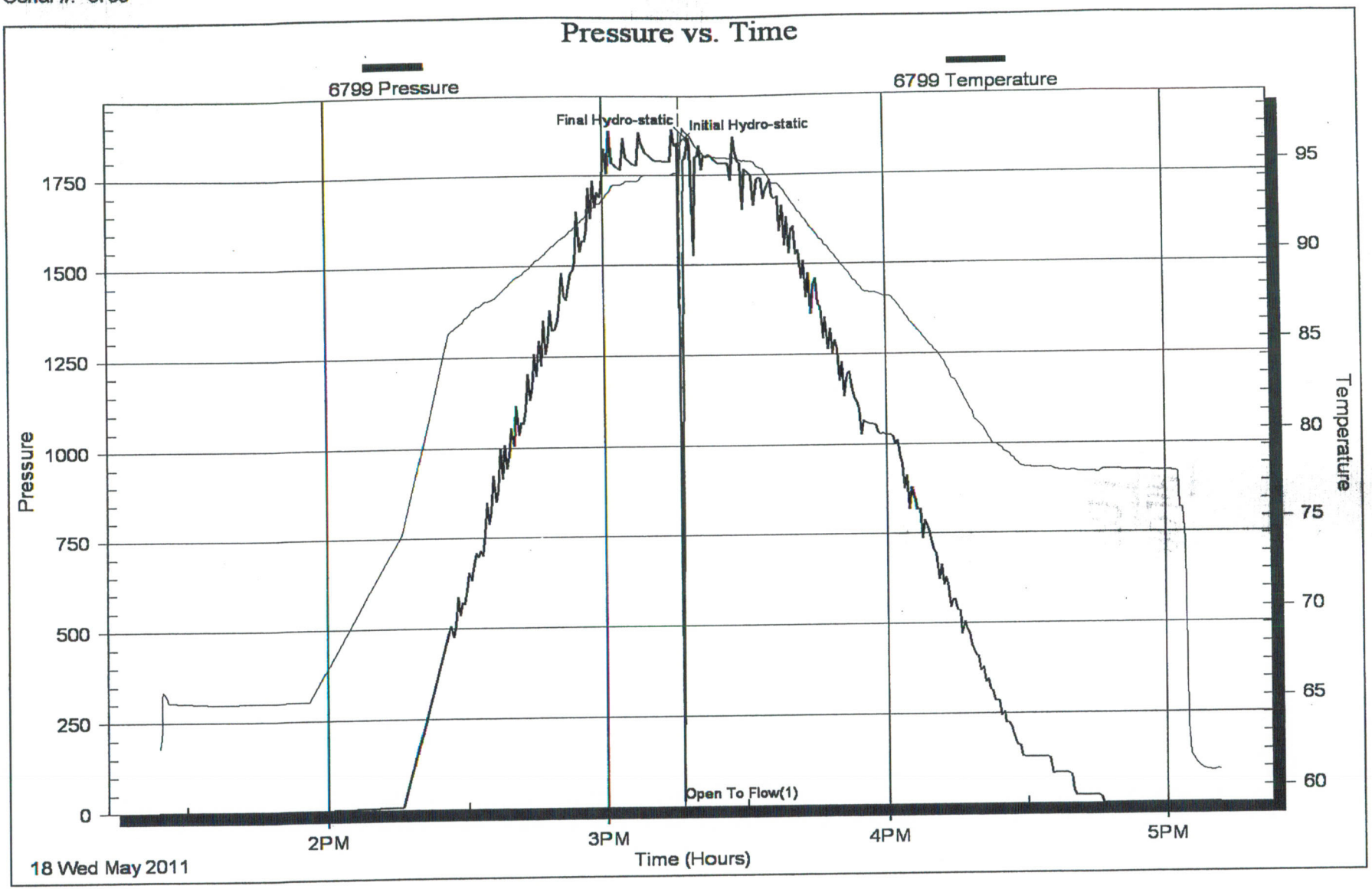
Recovery Information

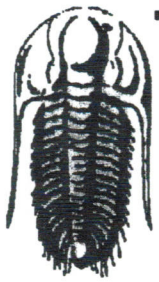
Recovery Table

Length ft	Description	Volume bbl
306.00	Mud 100M	3.199

Total Length: 306.00 ft Total Volume: 3.199 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6799 Pressure
6799 Temperature
Final Hydro-static
Initial Hydro-static
Open To Flow(1)
Pressure
Temperature
Time (Hours)
2PM
3PM
4PM
5PM
18 Wed May 2011
0
250
500
750
1000
1250
1500
1750
60
65
70
75
80
85
90
95



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

13-4s-22w Norton KS

Hansen Foundation #1-13

Start Date: 2011.05.19 @ 17:48:00
End Date: 2011.05.19 @ 22:31:00
Job Ticket #: 041112 DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041112 **DST#: 5**

Test Start: 2011.05.19 @ 17:48:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:19:30
Time Test Ended: 22:31:00

Test Type: Conventional Bottom Hole
Tester: Kevin Mack
Unit No: 43

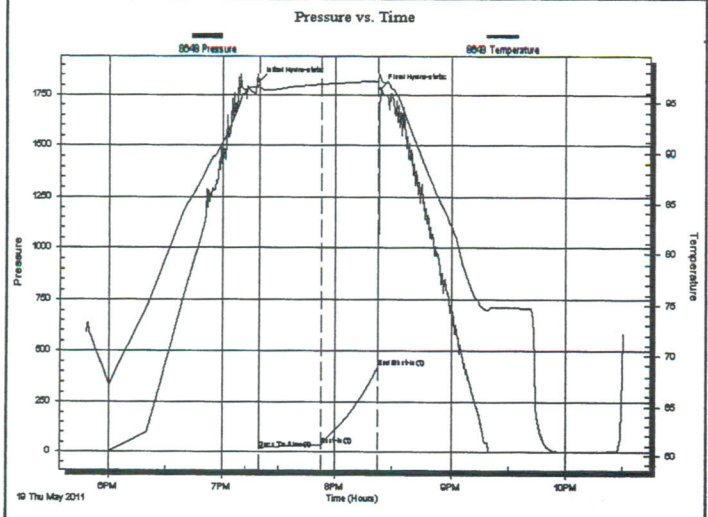
Interval: 3608.00 ft (KB) To 3679.00 ft (KB) (TVD)
Total Depth: 3679.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2213.00 ft (KB)
2208.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8648 **Inside**
Press@RunDepth: 36.79 psig @ 3609.00 ft (KB)
Start Date: 2011.05.19 End Date: 2011.05.19
Start Time: 17:48:05 End Time: 22:30:59

Capacity: 8000.00 psig
Last Calib.: 2011.05.19
Time On Btm: 2011.05.19 @ 19:19:15
Time Off Btm: 2011.05.19 @ 20:23:45

TEST COMMENT: IF: Blow built to 2"
IS: Weak surface return started at 10 min. Died at 20 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1817.09	96.86	Initial Hydro-static
1	17.74	96.41	Open To Flow (1)
34	36.79	96.88	Shut-In(1)
63	419.31	97.22	End Shut-In(1)
65	1782.78	97.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM 90M 10o	0.25

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041112 **DST#: 5**

Test Start: 2011.05.19 @ 17:48:00

Tool Information

Drill Pipe:	Length:	3480.00 ft	Diameter:	3.80 inches	Volume:	48.82 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	49.41 bbl	

Drill Pipe Above KB:	13.00 ft
Depth to Top Packer:	3608.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	71.00 ft
Tool Length:	92.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	48000.00 lb
Tool Chased	ft
String Weight: Initial	44000.00 lb
Final	44000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3588.00		
Shut In Tool	5.00			3593.00		
Hydraulic tool	5.00			3598.00		
Packer	5.00			3603.00	21.00	Bottom Of Top Packer
Packer	5.00			3608.00		
Stubb	1.00			3609.00		
Recorder	0.00	8648	Inside	3609.00		
Recorder	0.00	6799	Inside	3609.00		
Perforations	32.00			3641.00		
Change Over Sub	1.00			3642.00		
Drill Pipe	31.00			3673.00		
Change Over Sub	1.00			3674.00		
Bullnose	5.00			3679.00	71.00	Bottom Packers & Anchor
Total Tool Length:	**92.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC

PO Box 428
Logan, KS 67646

ATTN: .Richard Bell

Hansen Foundation #1-13

13-4s-22w Norton KS

Job Ticket: 041112 **DST#: 5**

Test Start: 2011.05.19 @ 17:48:00

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:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

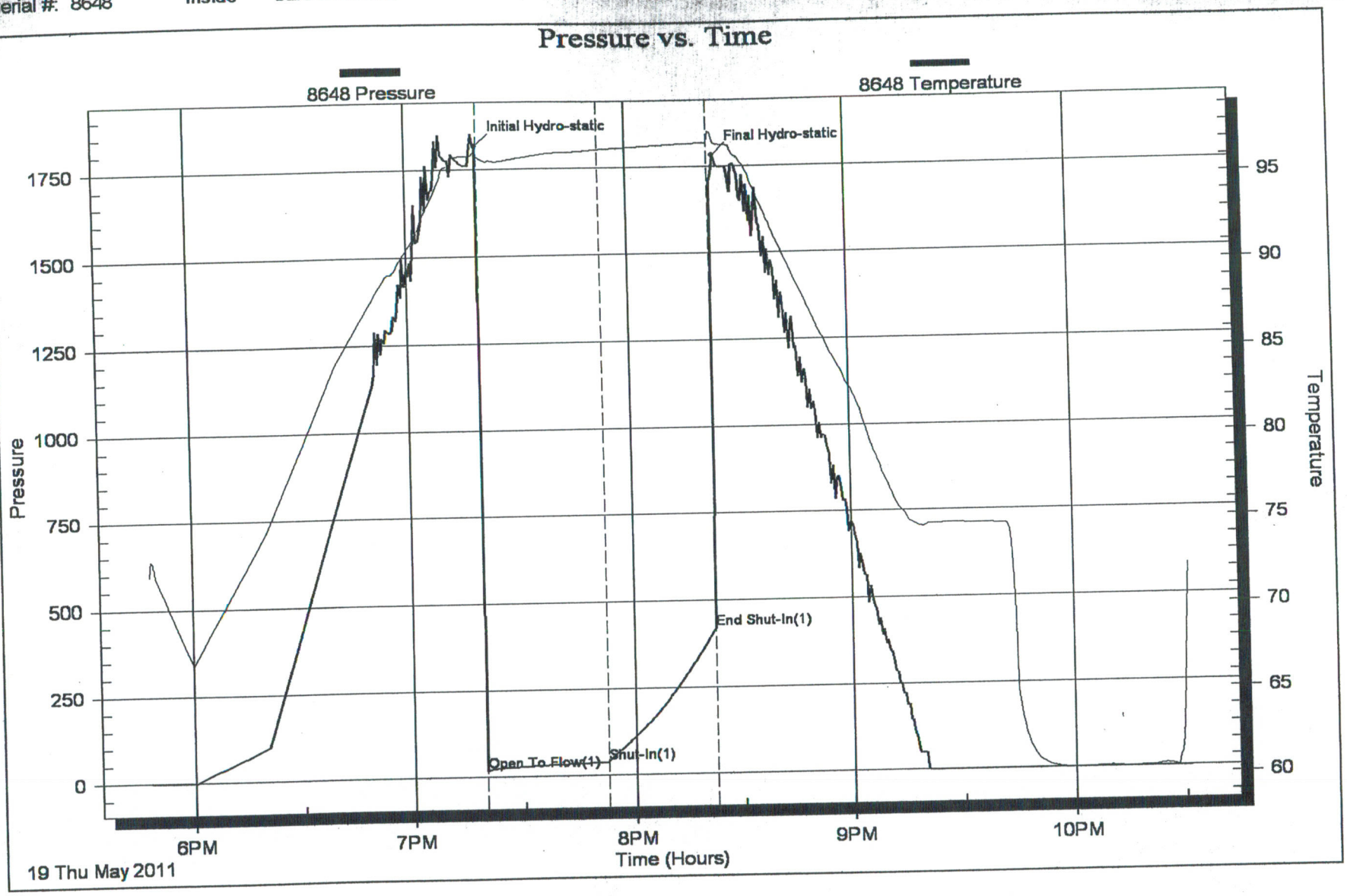
Length ft	Description	Volume bbl
50.00	OCM 90M 10o	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8648 Pressure
8648 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
65
60
6PM
7PM
8PM
9PM
10PM
Time (Hours)
19 Thu May 2011

ALLIED
CEMENTING CO., LLC
Cementing & Acidizing Services

PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 127174
Invoice Date: May 14, 2011
Page: 1

Voice: (785) 483-3887
Fax: (785) 483-5566

Bill To:

Baird Oil Company LLC
P O Box 428
Logan, KS 67646

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Baird	Hansen Fndation#1-13	Net 30 Days	
Job Location	**Camp Location**	**Service Date**	**Due Date**
KS2-01	Russell	May 14, 2011	6/13/11

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	16.25	2,600.00
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
168.00	SER	Handling	2.25	378.00
100.00	SER	Mileage 168 sx @.11 per sk per mi	18.48	1,848.00
1.00	SER	Surface	1,125.00	1,125.00
200.00	SER	Pump Truck Mileage	7.00	1,400.00
200.00	SER	Light Vehicle Mileage	4.00	800.00
1.00	CEMENTER	Shane Poche		
1.00	CEMENTER	Heath Long		
1.00	OPER ASSIST	Nick Williams		

RS 5/23/2011
RS 5/24 2011
Hansen 13 190402 7012.91

Hansen Foundation 1-13 - Pump charge, Cement & other misc used to cement surface casing

Subtotal	8,505.75
Sales Tax	208.31
Total Invoice Amount	8,714.06
Payment/Credit Applied	
TOTAL	**8,714.06**

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

$ 1701.15

ONLY IF PAID ON OR BEFORE
Jun 8, 2011

(1701.15)
7012.91

ALLIED CEMENTING CO., LLC. 039613

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE 5/14/11	SEC. 13	TWP. 4	RANGE 22	CALLED OUT	ON LOCATION	JOB START 4:45 pm	JOB FINISH 5:15 pm
LEASE Hansen Foundation	WELL # 1-13		LOCATION Densmore + Hwy 9 1W 3½N E into			COUNTY Norton	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR WW Drilling Rig #5
TYPE OF JOB Surface Job
HOLE SIZE 12¼ T.D. 220'
CASING SIZE 8 5/8 DEPTH 225.41
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15
PERFS.
DISPLACEMENT 13.40 bbl

OWNER

EQUIPMENT

PUMP TRUCK # 409 CEMENTER Shane, Heath
HELPER Todd
BULK TRUCK # 410 DRIVER Nick
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 160 Com 3%cc 2%gel

COMMON	160	@ 16.25	2600.00
POZMIX		@	
GEL	3	@ 21.25	63.75
CHLORIDE	5	@ 58.20	291.00
ASC		@	
HANDLING	168	@ 2.25	378.00
MILEAGE	111/sk/mile		184.00
		TOTAL	5180.75

REMARKS:

Ran 5 jts. + Landing Jt.
Est Circulation.
Mixed 160 sks.
Cement Circulated!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE		@	
MILEAGE	200	@ 7.00	1400.00
MANIFOLD		@	
Com	200	@ 4.00	800.00
		@	
		TOTAL	3325.00

CHARGE TO: Baird Oil Company
STREET
CITY STATE ZIP

Thanks!

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

To Allied Cementing Co., 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 [redacted]
DISCOUNT [redacted] IF PAID IN 30 DAYS

PRINTED NAME Sid Dewitsdorf

SIGNATURE [signature]

SWIFT Services, Inc.
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

DATE	INVOICE #
5/19/2011	19707

BILL TO

Baird Oil Company LLC
PO Box 428
Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-13	Hansen Foun...	Norton	WW Drilling #8	Oil	Development	PTA	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-P	Pump Charge - PTA	1	Job	750.00	750.00
290	D-Air	3	Gallon(s)	35.00	105.00T
328-4	60/40 Pozmix (4% Gel)	230	Sacks	9.75	2,242.50T
276	Flocele	50	Lb(s)	1.50	75.00T
581D	Service Charge Cement	230	Sacks	1.50	345.00
583D	Drayage	722	Ton Miles	1.00	722.00
	Subtotal				4,639.50
	Sales Tax Norton County			7.05%	170.79

R 5/24/2011
P 5/24/2011

Hansen 13 190402 4810.29

Hansen Foundation 1-13 - Pump charge, Cement and other misc used to plug well

5/24/2011
CK#1061

We Appreciate Your Business!

Total $4,810.29

SWIFT Services, Inc.

CHARGE TO: Baird Oil Co
ADDRESS
CITY, STATE, ZIP CODE

TICKET 19707

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Hays, Ks.	1-13	Hansen Foundation	Norton	KS		5-19-11	Same
2. Ness City, Ks.	TICKET TYPE ☑ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.		WW #8		CT	Location		
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
REFERRAL LOCATION	oil	Development	PTA				
	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE #111	80	mi			5 00	400 00
576P		1			Pump Charge (PTA)	1	eq			750 00	750 00
290		1			D-Air	3	gal			35 00	105 00
328-4		2			60/40 Pozmix 4% gel	230	sks			9 75	2242 50
276		2			Flocele	50	#			1 50	75 00
581		2			Cement Service Charge	230	sks			1 50	345 00
583		2			Drayage	722	TM			1 00	722 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED 5-20-11 TIME SIGNED 1010 ☑ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	4639 50
Norton TAX 7.05%	170 79
TOTAL	4810 29

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Mich Forbe

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-19-11 PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Baird Oil Co	1-13	Hansen Foundation	PTA	19407

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0030							on loc w/ P.U.
	0300							Trk called in
						DP		1st Plug 3650
	0600	4.5	0			200		start wtr
		4.5	10/0			200		start Cement 25sks 60/40 Poz 4% gel
		4.5	7/0			200		start water
		4.5	3/0			200		start Mud 5 min
	0615		45					Plug Balanced
								2nd Plug 1890'
								start water
	0740	4.5	0			150		start Cement 25sks 60/40 Poz 4% gel
		4.5	10/0			150		start water
		4.5	7/0			150		start Mud 2 min
		4.5	3/0			150		Balanced
	0750		20					
								3rd Plug 1090'
	0825	4.5	0			150		start water
		4.5	10/0			150		start Cement 100sks 60/40 Poz 4% gel
		4.5	26/0			150		start water
	0835		3					Balanced
								4th Plug 270'
	0900	4	0			100		start water
		4	5/0			100		start Cement 40sks 60/40 Poz 4% gel
		4	10/0			100		start water
			1					Balanced
								5th Plug 40'
	0945	1.5	0					start Cement 10sks 60/40 Poz 4% gel
			3					end
	0950		8					Rathole 20sks 60/40 Poz 4% gel
								Thank you
								Nick, Josh F. & Joe