



KANSAS CORPORATION COMMISSION 1062700
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



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

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

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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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				

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: 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: <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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch Inc 7-35
Doc ID	1062700

Tops

Name	Top	Datum
Anhydrite	2004	+325
Base Anhydrite	2033	+296
Topeka	3325	-996
Heebner	3525	-1196
Toronto	3550	-1221
Lansing	3567	-1238
Base Kansas City	3758	-1429
Marmaton	3789	-1460
Precambrian	3814	-1485
Total Depth	3831	-1502

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

September 09, 2011

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

Re: ACO1
API 15-137-20580-00-00
Esslinger Ranch Inc 7-35
NE/4 Sec.35-03S-22W
Norton 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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

35-3s-22w Norton,KS

Esslinger Ranch Inc. # 7-35

Start Date: 2011.08.30 @ 17:23:00

End Date: 2011.08.30 @ 23:35:00

Job Ticket #: 44531 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company, LLC

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

Esslinger Ranch Inc. # 7-35

35-3s-22w Norton, KS

Job Ticket: 44531

DST#: 1

Test Start: 2011.08.30 @ 17:23:00

GENERAL INFORMATION:

Formation: **LKC "A"**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 18:55:00
 Time Test Ended: 23:35:00

Test Type: Conventional Bottom Hole
 Tester: Cody Bloedorn
 Unit No: 42

Interval: **3552.00 ft (KB) To 3570.00 ft (KB) (TVD)**
 Total Depth: 3570.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2334.00 ft (KB)
 2329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8700

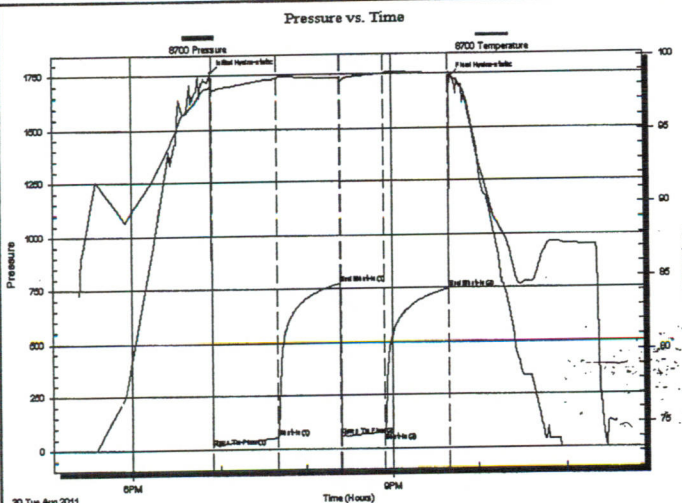
Outside

Press@RunDepth: 73.09 psig @ 3553.00 ft (KB)
 Start Date: 2011.08.30 End Date: 2011.08.30
 Start Time: 17:23:05 End Time: 23:34:59

Capacity: 8000.00 psig
 Last Calib.: 2011.08.30
 Time On Btrr: 2011.08.30 @ 18:54:30
 Time Off Btrr: 2011.08.30 @ 21:41:00

TEST COMMENT: 45 - IF- 1 1/4" blow
 45 - IS- No blow back
 45 - FF- No blow back
 45 - FS- No blow back

PRESSURE SUMMARY



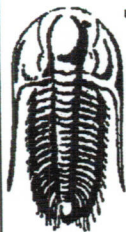
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1758.97	98.03	Initial Hydro-static
1	16.55	97.67	Open To Flow (1)
46	53.58	98.52	Shut-In(1)
89	772.22	98.51	End Shut-In(1)
90	61.05	98.23	Open To Flow (2)
120	73.09	98.79	Shut-In(2)
165	743.34	98.77	End Shut-In(2)
167	1731.47	98.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MV- Oil scum, 20%M, 80%W	0.30
62.00	MV- Oil scum, 10%M, 90%W	0.30
31.00	W- Oil scum	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44531 **DST#: 1**

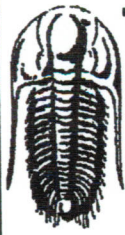
ATTN: Rich Bell

Test Start: 2011.08.30 @ 17:23:00

Tool Information

Drill Pipe:	Length: 3419.00 ft	Diameter: 3.80 inches	Volume: 47.96 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 48.57 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3552.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3532.00	
Shut In Tool	5.00			3537.00	
Hydraulic tool	5.00			3542.00	
Packer	5.00			3547.00	21.00 Bottom Of Top Packer
Packer	5.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.00	6625	Inside	3553.00	
Recorder	0.00	8700	Outside	3553.00	
Perforations	14.00			3567.00	
Bullnose	3.00			3570.00	18.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44531

DST#: 1

ATTN: Rich Bell

Test Start: 2011.08.30 @ 17:23:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 30000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MW- Oil scum, 20%M, 80%W	0.305
62.00	MW- Oil scum, 10%M, 90%W	0.305
31.00	W- Oil scum	0.435

Total Length: 155.00 ft Total Volume: 1.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

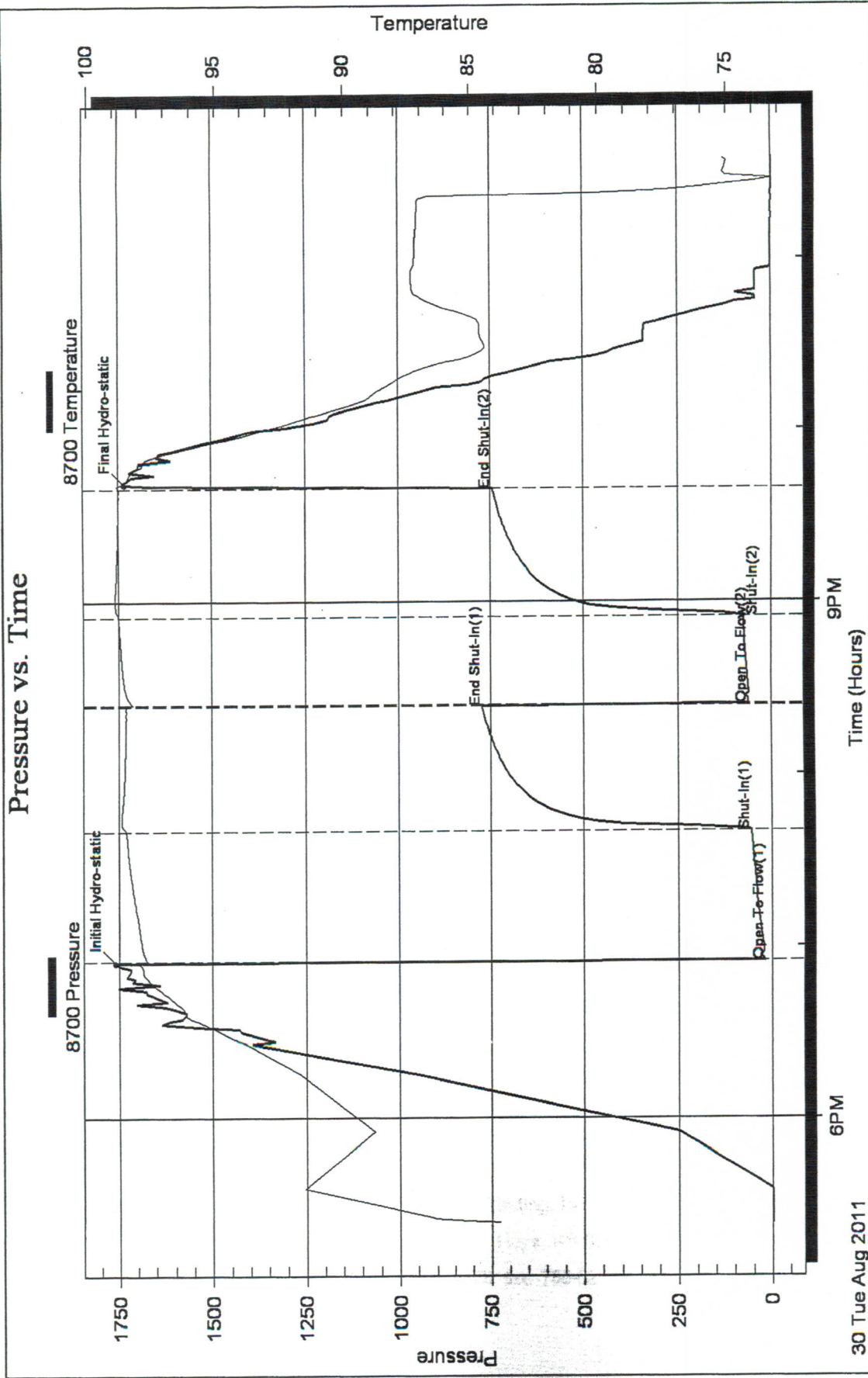
Serial #:

Laboratory Name:

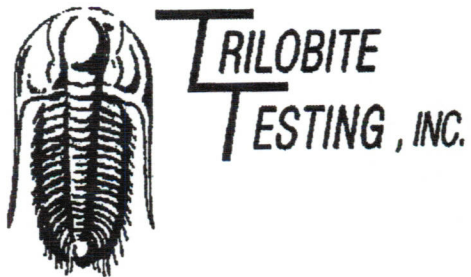
Laboratory Location:

Recovery Comments: Rw .23 @ 75 Degrees = 30,000

Pressure vs. Time



30 Tue Aug 2011



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

35-3s-22w Norton,KS

Esslinger Ranch Inc. # 7-35

Start Date: 2011.08.31 @ 09:29:00

End Date: 2011.08.31 @ 15:32:30

Job Ticket #: 44532 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company, LLC

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

Esslinger Ranch Inc. # 7-35

35-3s-22w Norton, KS

Job Ticket: 44532

DST#: 2

Test Start: 2011.08.31 @ 09:29:00

GENERAL INFORMATION:

Formation: **LKC "C-D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:40:30
 Time Test Ended: 15:32:30

Test Type: Conventional Bottom Hole
 Tester: Cody Bloedorn
 Unit No: 42

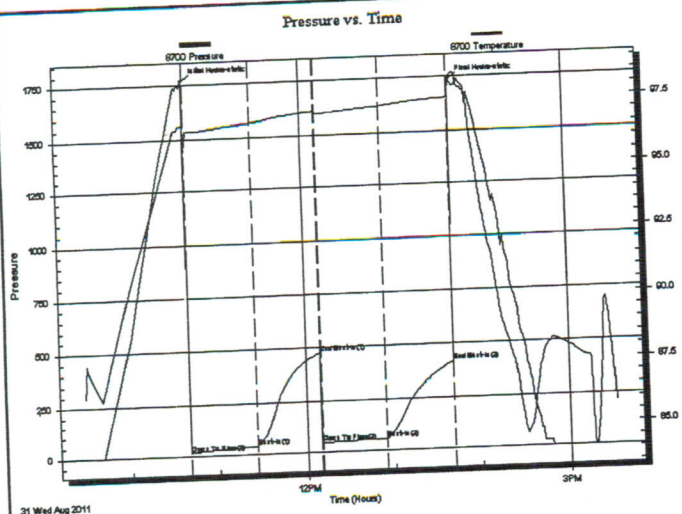
Interval: **3580.00 ft (KB) To 3621.00 ft (KB) (TVD)**
 Total Depth: 3621.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2334.00 ft (KB)
 2329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8700 Outside
 Press@RunDepth: 57.10 psig @ 3586.00 ft (KB)
 Start Date: 2011.08.31 End Date:
 Start Time: 09:29:05 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2011.08.31
 Time On Btm: 2011.08.31 @ 10:40:00
 Time Off Btm: 2011.08.31 @ 13:42:30

TEST COMMENT: 45 - IF- 2" blow
 45 - IS- No blow back
 45 - FF- 1 1/2" blow
 45 - FS- No blow back



PRESSURE SUMMARY

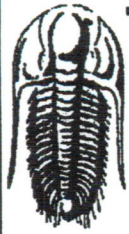
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1766.81	96.92	Initial Hydro-static
1	15.91	95.77	Open To Flow (1)
46	38.88	96.81	Shut-In(1)
90	473.24	97.15	End Shut-In(1)
90	46.08	97.02	Open To Flow (2)
135	57.10	97.26	Shut-In(2)
181	415.26	97.52	End Shut-In(2)
183	1732.48	98.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MO, 30%M, 70%O	0.30
62.00	MO, 10%M, 90%O	0.30
31.00	GMO, 5%M, 15%G, 80%O	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton,KS

Job Ticket: 44532 **DST#: 2**

ATTN: Rich Bell

Test Start: 2011.08.31 @ 09:29:00

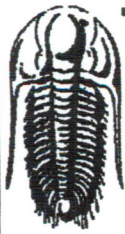
Tool Information

Drill Pipe:	Length: 3455.00 ft	Diameter: 3.80 inches	Volume: 48.46 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 49.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3580.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3560.00	
Shut In Tool	5.00			3565.00	
Hydraulic tool	5.00			3570.00	
Packer	5.00			3575.00	21.00 Bottom Of Top Packer
Packer	5.00			3580.00	
Stubb	1.00			3581.00	
Perforations	4.00			3585.00	
Change Over Sub	1.00			3586.00	
Recorder	0.00	6625	Inside	3586.00	
Recorder	0.00	8700	Outside	3586.00	
Drill Pipe	31.00			3617.00	
Change Over Sub	1.00			3618.00	
Bullnose	3.00			3621.00	41.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44532

DST#: 2

ATTN: Rich Bell

Test Start: 2011.08.31 @ 09:29:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 23 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MO, 30%M, 70%O	0.305
62.00	MO, 10%M, 90%O	0.305
31.00	GMO, 5%M, 15%G, 80%O	0.435

Total Length: 155.00 ft Total Volume: 1.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

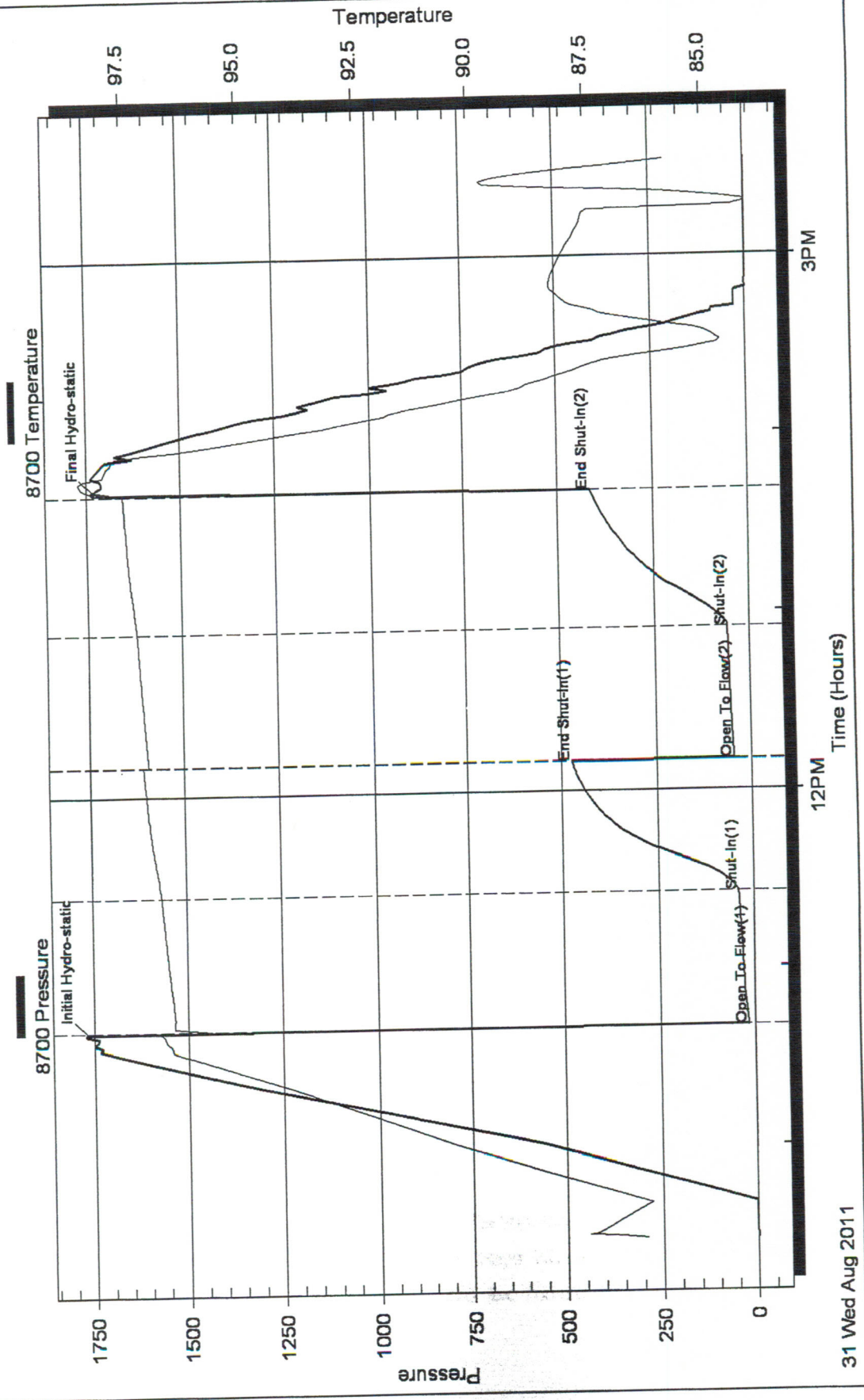
Serial #:

Laboratory Name:

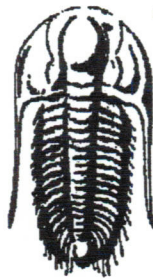
Laboratory Location:

Recovery Comments: Gravity: 27 @ 100 Degrees = 23

Pressure vs. Time



31 Wed Aug 2011



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

35-3s-22w Norton,KS

Esslinger Ranch Inc. # 7-35

Start Date: 2011.08.31 @ 22:56:00

End Date: 2011.09.01 @ 06:02:00

Job Ticket #: 44533 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Baird Oil Company, LLC

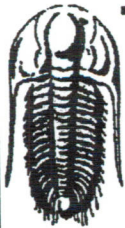
Esslinger Ranch Inc. # 7-35

35-3s-22w Norton,KS

DST # 3

LKC "G"

2011.08.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company, LLC

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

Esslinger Ranch Inc. # 7-35

35-3s-22w Norton,KS

Job Ticket: 44533

DST#: 3

Test Start: 2011.08.31 @ 22:56:00

GENERAL INFORMATION:

Formation: **LKC "G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:53:00
 Time Test Ended: 06:02:00

Test Type: Conventional Bottom Hole
 Tester: Cody Bloedorn
 Unit No: 42

Interval: **3619.00 ft (KB) To 3650.00 ft (KB) (TVD)**
 Total Depth: 3650.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2334.00 ft (KB)
 2329.00 ft (CF)
 KB to GR/CF: 5.00 ft

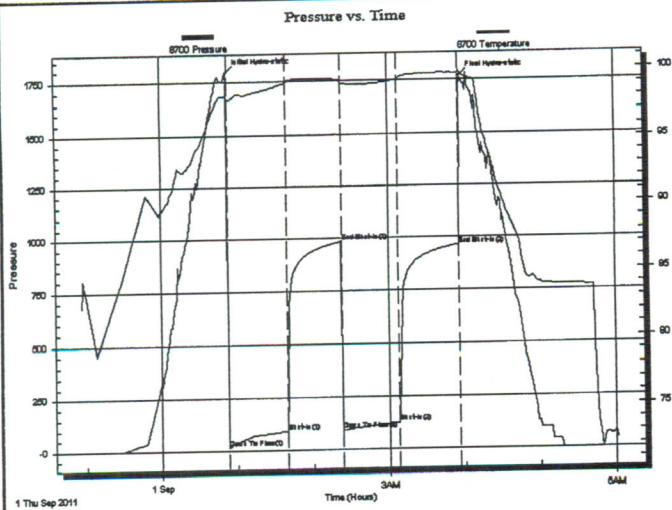
Serial #: 8700

Outside

Press@RunDepth: 126.70 psig @ 3620.00 ft (KB)
 Start Date: 2011.08.31 End Date:
 Start Time: 22:56:05 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2011.09.01
 Time On Btmr: 2011.09.01 @ 00:52:30
 Time Off Btmr: 2011.09.01 @ 03:57:30

TEST COMMENT: 45 - IF- 7" Blow
 45 - IS- No blow back
 45 - FF- 4" Blow
 45 - FSI- No blow back



PRESSURE SUMMARY

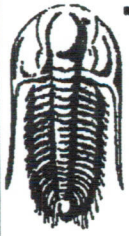
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1792.35	98.21	Initial Hydro-static
1	14.49	97.76	Open To Flow (1)
47	90.53	99.02	Shut-In(1)
91	982.44	99.29	End Shut-In(1)
91	93.51	98.93	Open To Flow (2)
136	126.70	99.23	Shut-In(2)
184	960.84	99.66	End Shut-In(2)
185	1766.13	99.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MV - Oil scum, 30%M, 70%W	0.30
124.00	MV - Oil scum, 5%M, 95%	1.17
29.00	MV - Oil scum, 10%M, 90%W	0.41
2.00	Free Oil, 100%O	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton,KS

Job Ticket: 44533

DST#: 3

ATTN: Rich Bell

Test Start: 2011.08.31 @ 22:56:00

Tool Information

Drill Pipe:	Length: 3487.00 ft	Diameter: 3.80 inches	Volume: 48.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 47000.00 lb
		Total Volume:	49.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3619.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3599.00	
Shut In Tool	5.00			3604.00	
Hydraulic tool	5.00			3609.00	
Packer	5.00			3614.00	21.00 Bottom Of Top Packer
Packer	5.00			3619.00	
Stubb	1.00			3620.00	
Recorder	0.00	6625	Inside	3620.00	
Recorder	0.00	8700	Outside	3620.00	
Perforations	27.00			3647.00	
Bullnose	3.00			3650.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44533

DST#: 3

ATTN: Rich Bell

Test Start: 2011.08.31 @ 22:56:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: in³
Resistivity: ohm.m
Salinity: 2400.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 35000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MV - Oil scum, 30%M, 70%W	0.305
124.00	MV - Oil scum, 5%M, 95%	1.175
29.00	MV - Oil scum, 10%M, 90%W	0.407
2.00	Free Oil, 100%O	0.028

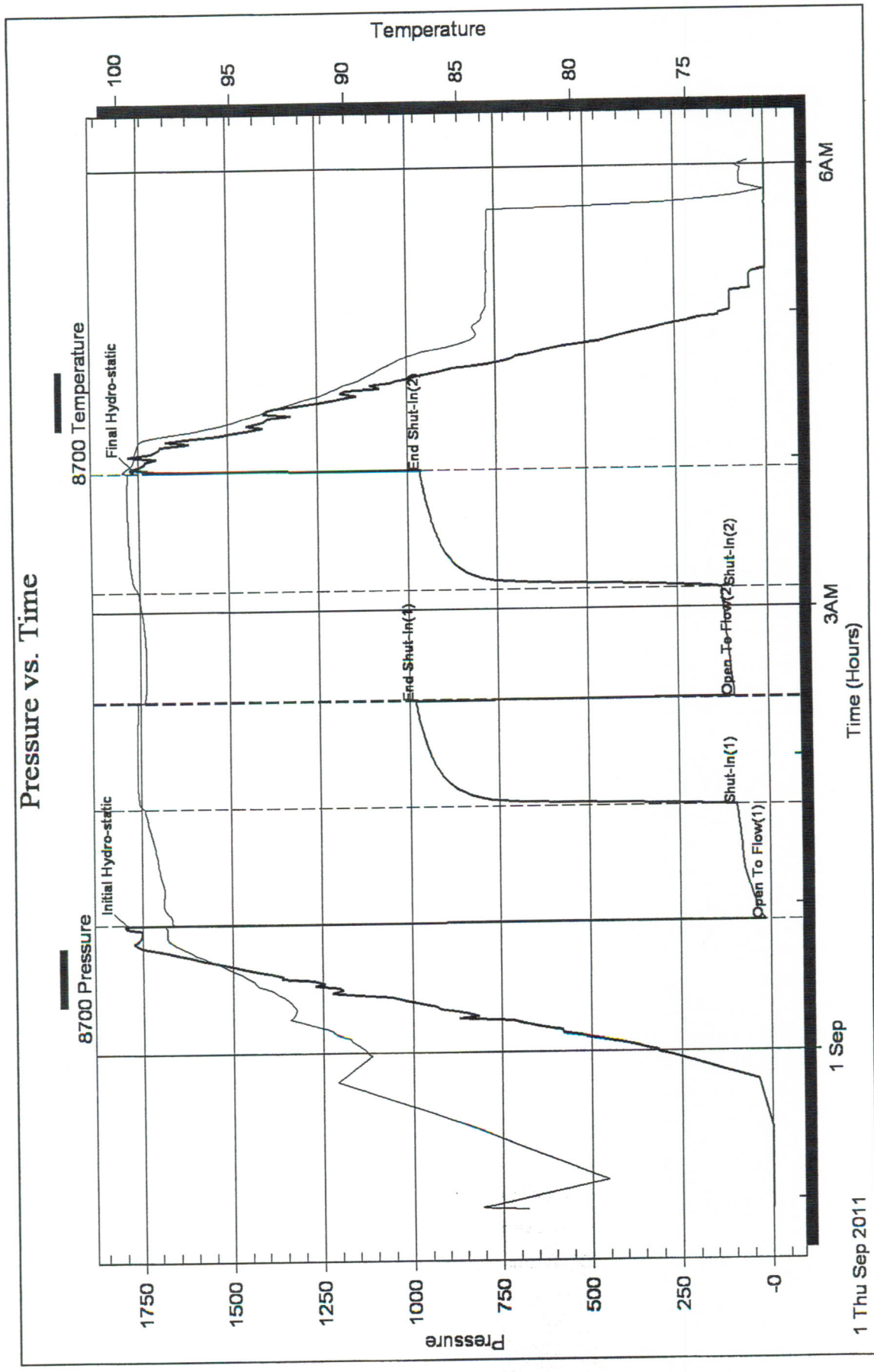
Total Length: 217.00 ft Total Volume: 1.915 bbl

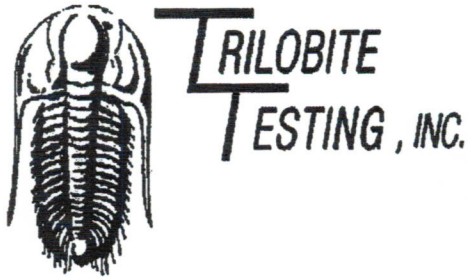
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .20 @ 71 Degrees = 35,000

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

35-3s-22w Norton,KS

Esslinger Ranch Inc. # 7-35

Start Date: 2011.09.01 @ 14:24:05

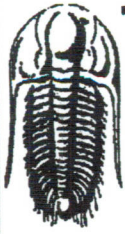
End Date: 2011.09.01 @ 17:45:00

Job Ticket #: 44534 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company, LLC

113 W. Main,
Logan KS 67646

ATTN: Rich Bell

Esslinger Ranch Inc. # 7-35

35-3s-22w Norton, KS

Job Ticket: 44534

DST#: 4

Test Start: 2011.09.01 @ 14:24:05

GENERAL INFORMATION:

Formation: **LKC "J"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 16:05:00
 Time Test Ended: 17:45:00

Test Type: Conventional Bottom Hole
 Tester: Cody Bloedorn
 Unit No: 42

Interval: **3688.00 ft (KB) To 3720.00 ft (KB) (TVD)**
 Total Depth: **3688.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2334.00 ft (KB)**
2329.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8700

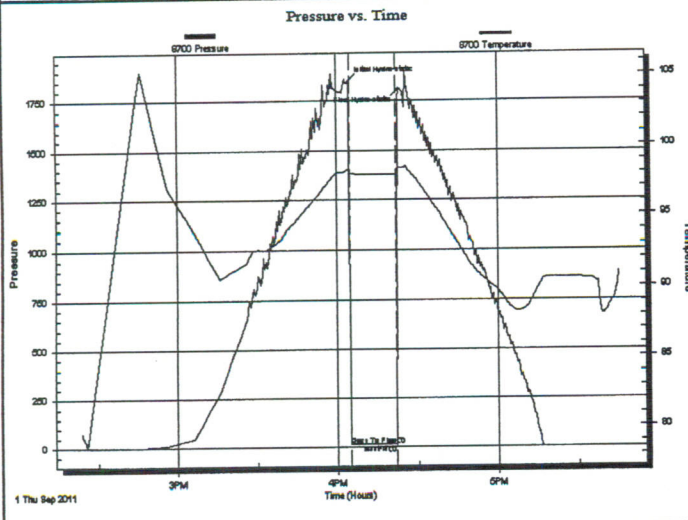
Outside

Press@RunDepth: psig @ **3689.00 ft (KB)**
 Start Date: **2011.09.01** End Date: **2011.09.01**
 Start Time: **14:24:05** End Time: **17:45:00**

Capacity: **8000.00 psig**
 Last Calib.: **2011.09.01**
 Time On Btm: **2011.09.01 @ 16:04:30**
 Time Off Btm: **2011.09.01 @ 16:23:00**

TEST COMMENT: IF- OPENED TOOL, SURGED AND DIED. PULLED TOOL

ISI-
 FF-
 FSI-



PRESSURE SUMMARY

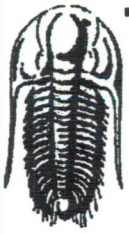
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.25	98.25	Initial Hydro-static
1	13.09	97.83	Open To Flow (1)
18	12.33	97.90	Shut-In(1)
19	1810.39	98.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44534

DST#: 4

ATTN: Rich Bell

Test Start: 2011.09.01 @ 14:24:05

Tool Information

Drill Pipe:	Length: 3551.00 ft	Diameter: 3.80 inches	Volume: 49.81 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume:	50.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3688.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3668.00	
Shut In Tool	5.00			3673.00	
Hydraulic tool	5.00			3678.00	
Packer	5.00			3683.00	21.00 Bottom Of Top Packer
Packer	5.00			3688.00	
Stubb	1.00			3689.00	
Recorder	0.00	6625	Inside	3689.00	
Recorder	0.00	8700	Outside	3689.00	
Perforations	28.00			3717.00	
Bullnose	3.00			3720.00	32.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

Esslinger Ranch Inc. # 7-35

113 W. Main,
Logan KS 67646

35-3s-22w Norton, KS

Job Ticket: 44534

DST#: 4

ATTN: Rich Bell

Test Start: 2011.09.01 @ 14:24:05

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

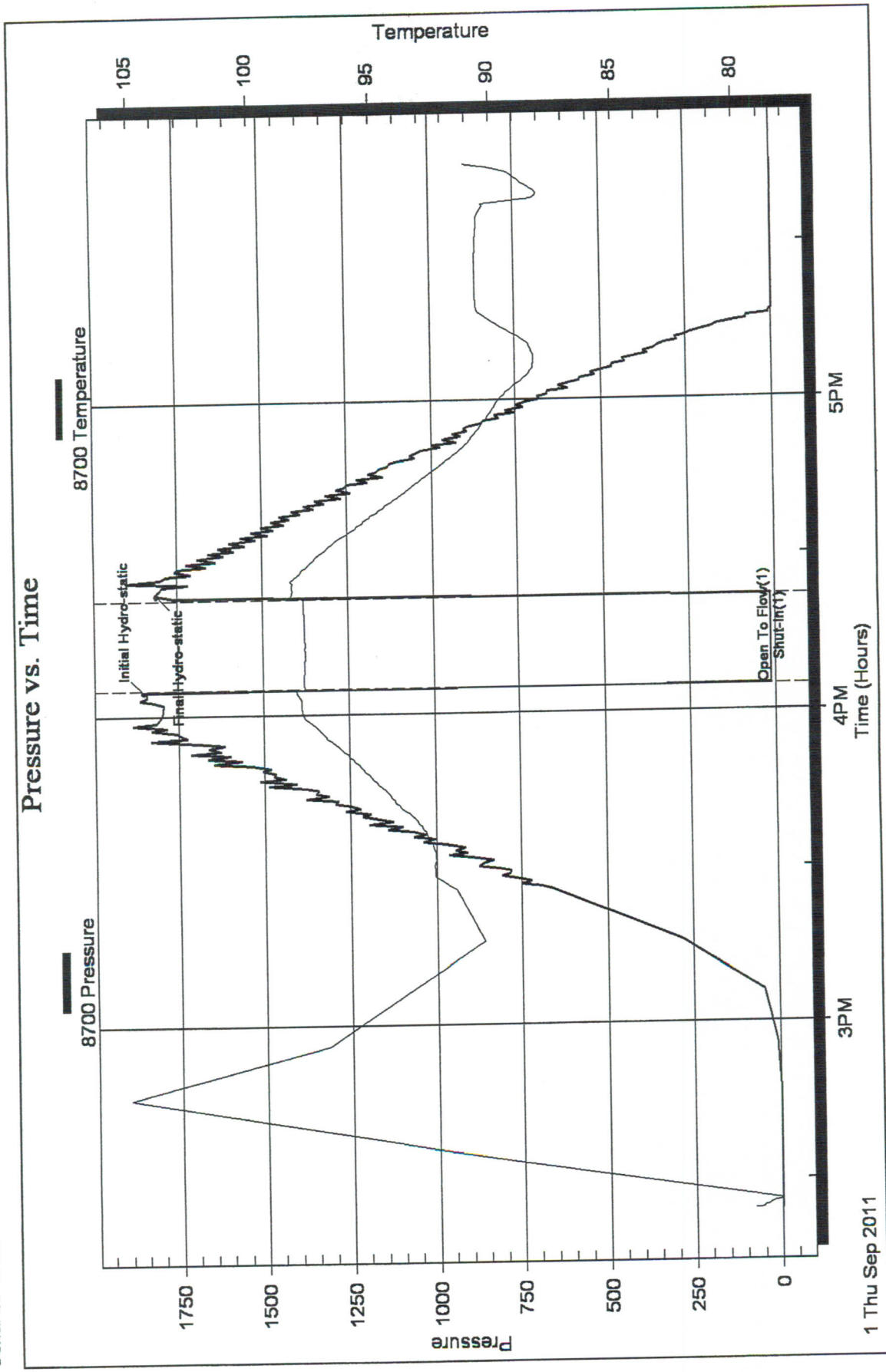
DST Test Number: 4

35-3s-22w Norton, KS

Outside Baird Oil Company, LLC

Serial #: 8700

Pressure vs. Time



SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
8/27/2011	20304

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	#7-35	Esslinger Ra...	Norton	WW Drilling	Oil	Development	Cement 8-5/8" S...	Don

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	6.00	480.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.) - 212 Feet	1	Job	1,000.00	1,000.00
290	D-Air	2	Gallon(s)	35.00	70.00T
325	Standard Cement	150	Sacks	13.50	2,025.00T
278	Calcium Chloride	5	Sack(s)	40.00	200.00T
279	Bentonite Gel	3	Sack(s)	25.00	75.00T
581D	Service Charge Cement	150	Sacks	2.00	300.00
583D	Drayage	592	Ton Miles	1.00	592.00
	Subtotal				4,742.00
	Sales Tax Norton County			7.05%	167.09
	<p style="text-align: center;">R 8/30/2011 P 8/30/2011</p> <p>Esslinge 190402 4909.09 Esslinger Ranch Inc 7-35 - Pump Charge, cement & other misc used to cement surface casing</p>				
				8/30/2011 CK #11411	

We Appreciate Your Business!

Total

\$4,909.09



CHARGE TO: Revised Oil Co., Inc.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 20304
 PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, KS WEL/PROJECT NO. 7-35 LEASE Eslinger Ranch, Inc. Norton COUNTY/PARISH Norton STATE KS. DATE 8-27-11 OWNER
 2. Ness City, KS CONTRACTOR W W D RIG NAME/NO. W/D Pressure, KS ORDER NO.
 3. WEL TYPE WEL WEL CATEGORY Well JOB PURPOSE Cement 8 5/8" surface WEL PERMIT NO. WEL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.		QTY.		UNIT PRICE	AMOUNT
			ACCT	DF			UM	UM	UM	UM		
575		2			MILEAGE #114	80 mi					4800	480000
576 S		2			Ramp Charge - Shallow Surface	100					100000	100000
290		2			D. AIR	2 gal					3500	7000
325		2			Standard Cement	150 SKS	1400	165			1350	202500
278		2			Calcium Chloride	5 SKS	700	165			4000	20000
229		2			Rebrite Gel	3 SKS	300	165			2500	7500
581		2			Service Charge - Cement	150 SKS					2000	30000
583		2			Drayage	592	700	1400	165		100	59200

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 8-27-11 TIME SIGNED 1500 A.M. P.M.

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

SURVEY
 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?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 4909.09
 TOTAL 4909.09
 Tax 7.05%
 Total Tax 167.09

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR John Lawrence APPROVAL
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 8-27-11 PAGE NO. 1

CUSTOMER Bruid Oil Co. WELL NO. 7-35 LEASE Eslinger Ranch, Inc JOB TYPE Remount Surface TICKET NO. 20304

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							In location - 8 5/8 @ 212' - Hook to circ
	1515							Set up TWT - Rig circ casing
								Rig fire circ. - chain down
								Hook to Swift
								Start 150 STS standard, 2 1/2 gal, 3 1/2 cc.
			36			100		Fin cont. - (cont circ to surface)
						150		Displ 12 1/4 BBT H ₂ O
	1600		12 1/4			150		Fin Displ - casing
								Wash up & Pack off
	1615							Job complete
								<i>Threats</i>
								How to Bore & Press.



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



Invoice

DATE	INVOICE #
9/2/2011	21053

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	#7-35	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	5-1/2" LongString	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
578D-L	Pump Charge - Long String - 3831 Feet				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
402-5	5 1/2" Centralizer				11	Each	70.00	770.00T
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar - Top Joint #41 - 2031 Feet				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
411-5	5 1/2" Recipo Scratcher				30	Each	45.00	1,350.00T
325	Standard Cement				200	Sacks	13.50	2,700.00T
326	60/40 Pozmix (2% Gel)				40	Sacks	11.00	440.00T
276	Flocele				50	Lb(s)	2.00	100.00T
283	Salt				1,550	Lb(s)	0.20	310.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
277	Gilsonite (Coal Seal)				400	Lb(s)	0.75	300.00T
290	D-Air				3	Gallon(s)	35.00	105.00T
581D	Service Charge Cement				240	Sacks	2.00	480.00
583D	Drayage				969.12	Ton Miles	1.00	969.12
	Subtotal							14,454.12
	Sales Tax Norton County						7.05%	777.26
<p>29/8/2011 P9/8/2011 Esslinge 190402 15231.38 Esslinger Ranch Inc 7-35 - Pump Charge, cement & other misc. expenses used to cement production casing</p>								
We Appreciate Your Business!							Total	\$15,231.38



CHARGE TO: Baron On Co
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
21053

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Ness City, KS
 2. 7-35 WELL/PROJECT NO.
 3. WV DRIL. # 8 CONTRACTOR
 4. OR WELL TYPE
 INVOICE INSTRUCTIONS

LEASE ESSEXER PARK COUNTY/PARISH MOBILE STATE KS CITY
 RIG NAME/NO. DRILLING RIG NAME/NO. DRILLING SHIPPED VIA CT DELIVERED TO LOCATED
 WELL CATEGORY DEVELOPMENT JOB PURPOSE 5 1/2" HOUSING WELL PERMIT NO. W/DRILLING DATE 9-2-11 OWNER SAME
 WELL LOCATION W/DRILLING

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.		UNIT		AMOUNT
						UM	QTY.	UM	UM	
575		1			MILEAGE # 113	80	MI			480.00
578		1			PUMP CHARGE	1	HR	383	FT	1500.00
221		1			LIQUID REL	2	GA			50.00
280		1			FLOCCING-21	500	GA			2.50
402		1			CSTRADDERS	11	EA	5 1/2"		770.00
403		1			CENST BASKETS	1	EA			250.00
404		1			PORT COLLAR	1	EA	2031	FT	2400.00
406		1			LATCH DOWN PLUG - BAFEE	1	EA			250.00
407		1			INSERT FLAT SHOUL W/AUTO FILL	1	EA			350.00
411		1			RECORDING SCATCHES	30	EA			4500.00

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 9-2-11 TIME SIGNED 1230 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL #1	PAGE TOTAL #2
8650.00	5804.12
	Subtotal 14,454.12
	TAX 777.26
	Portion 7.05%
	TOTAL 15,231.38

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR Dave Wilson APPROVAL
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 9-2-11 PAGE NO. 1

CUSTOMER **BARRO OIL CO** WELL NO. **7-35** LEASE **RANCH ESTINGER 7-35** JOB TYPE **5 1/2" LONGSTRJG** TICKET NO. **21053**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
	1330							START 5 1/2" CASING IN WELL
								TD-3831 SET = 3830
								TP-3836 5 1/2" # 14
								SJ-22'
								CENTRALIZERS-1,2,3,4,5,6,7,8,9,10,40
								CMT BKTS - 41
								PORT COLLAR = 2031 TORJT # 41
	1520							DROP BALL - CIRCULATE RECIPROATE
	1625	6 1/2	15		✓		400	PUMP KCL FLUSH "
	1627	6 1/2	12		✓		400	PUMP 500 GAL FLOCHECK-21 "
	1629	6 1/2	5		✓		400	PUMP KCL FLUSH "
	1635		7					PLUG RH (30SKS)
	1640	4	3		✓		200	MIX CEMENT 10SKS 60/40 = 13.5 PPG
		4	44		✓		200	200SKS STANDEX = 15.9 PPG
	1652							WASH OUT PUMP LINES
	1652							RELEASE LATCH DOWN PLUG
	1700	8 1/2	0		✓			DISPLACE PLUG +
		6 1/2	92				950	SHUT DOWN RECIPROATING
	1715	6 1/2	93				1500	PLUG DOWN - PSE UP CATCH IN PLUG
	1720						OK	RELEASE PSE-HELD WASH TRUCK
	1800							JOB COMPLETE THANK YOU WAYNE, DON L., BRADSON L, BRIAN



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



Invoice

DATE	INVOICE #
9/7/2011	20272

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	#7-35	Esslinger Ra...	Norton	Alliance Well Ser...	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	35.00	70.00T
105	5 1/2" Port Collar Tool Rental With Man				1	Each	350.00	350.00T
330	Swift Multi-Density Standard (MIDCON II)				180	Sacks	16.50	2,970.00T
276	Flocele				50	Lb(s)	2.00	100.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				898.4	Ton Miles	1.00	898.40
	Subtotal							6,568.40
	Sales Tax Norton County						7.05%	246.05
	R9/12/2011							
	P9/12/2011							
	Esslinge 190402 6224.45							
	Esslinger Ranch Inc 7-35 - Pump Charge, cement & other misc expenses used to cement port collar							
	Esslinge 190402 590.00							
	Esslinger Ranch Inc 7-35 - Rental of port collar & man when cementing port collar							
We Appreciate Your Business!							Total	\$6,814.45



CHARGE TO: **Banno Oil**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 20272
 PAGE 1 OF 1

SERVICE LOCATIONS
 1. **HAYS** WELL/PROJECT NO. **7-35** LEASE **Esslinger Ranch** COUNTY/PARISH **Neoton** STATE **KS** DATE **08-07-11** OWNER
 2. **MISS** TICKET TYPE SERVICE CONTRACTOR **ALLIANCE** RIG NAME NO. **CT** SHIPPED VIA **CT** DELIVERED TO **NE Neosho** ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **Neosho** JOB PURPOSE **CR: Bar Colgan** WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 112	80	M			6.00	480.00
576.0					Pump Service	1	EA			1250.00	1250.00
890					D-912	2	64L			35.00	70.00
105					Bar Colgan Tool Rental	1	EA		5 1/2 hr	350.00	350.00
330					SND CNT	180	SF			16.50	2970.00
276					FLOOR	50	LB			2.00	100.00
581					Service Charge	225	SF			2.00	450.00
583					Damage	898.40	TN			1.00	898.40

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 *[Signature]* DATED **08-07-11** TIME SIGNED **07:35** A.M. P.M.

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

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO
 WE UNDERSTOOD AND MET YOUR NEEDS? YES NO
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	TOTAL
6568	6814
40	45
	246.05
	7.05%
	7.05%

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR *[Signature]* APPROVAL
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 09-07-11 PAGE NO. 1

CUSTOMER BAIRDON WELL NO. 735 LEASE ESELMER RANCH JOB TYPE CMT: PORT COLLAR TICKET NO. 20272

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0745							ON LOCATION CMT: 225 SIA SMD 14" FLO 2 3/8 X 5 1/2 PORT COLLAR @ 2021
	0800							START TOOL IN
	0900							LOCATE P.C., INSTALL RUBBER
	0910			-	-	1000	1000	PRESSURE TEST
	0913							OPEN P.C.
	0915	3.0	4.0	-		400		INT RATE - GOOD BLOW ON ANNS
		3.0	0	-		400		START CMT @ 11.2"
		4.0	6.0	-		400		" CIRC MUD
		4.0	9.0	-		500		" TO CIRC CMT TO PIT, MIX 20 SWS @ 14.4"
		4.0	9.5	-		500		END
	0940	4.0	6.8	-		600		DISP. CLOSE PC.
	0945			-	-	1100	1100	PRESSURE TEST - HOLD RUN 5 JOINTS
	0955	3.0	0	-			200	REV. OUT MIX 180 SWS
			7.0	-				1ST FEEL <u>20 SWS TO PIT!</u>
			12.0	-				2ND FEEL
			20.0	-				ALL CLEAN
	1010							PULL P.C. TOOL.
	1045							JOB COMPLETE THANK YOU! DAVE, JOSH B. CANE

A.P.T.# 15-137-20580-00-00

GEOLOGICAL REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE Esslinger Ranch, Inc. #7-35
 FIELD Red Fox
 LOCATION 1115' FNL + 550' FEL
 SEC 35 TWSP 35 RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2329'
 DF 2327'
 GL 2324'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR www Drilling Rig #8
 SPUD 8-27-11 COMP 9-2-11
 SAMPLES SAVED FROM 3250' TO R.T.D

CASING
 Surface 8 5/8" @ 212'
 Production 5 1/2" @ 3830'
 ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
			<u>E. log</u>				
<u>Anhydrite</u>	<u>2001</u>	<u>2004+</u>	<u>325</u>	<u>+ 327</u>	<u>+ 316</u>		
<u>Base Anhydrite</u>	<u>2031</u>	<u>2033+</u>	<u>296</u>	<u>+ 300</u>	<u>+ 287</u>		
<u>Topeka</u>	<u>3322</u>	<u>3325-</u>	<u>996</u>	<u>- 987</u>	<u>- 997</u>		
<u>Heebner</u>	<u>3521</u>	<u>3525-</u>	<u>1196</u>	<u>- 1185</u>	<u>- 1195</u>		
<u>Toronto</u>	<u>3546</u>	<u>3550-</u>	<u>1221</u>	<u>- 1209</u>	<u>- 1221</u>		
<u>Lansing</u>	<u>3563</u>	<u>3567-</u>	<u>1238</u>	<u>- 1226</u>	<u>- 1237</u>		
<u>Base Kansas City</u>	<u>3755</u>	<u>3758-</u>	<u>1429</u>	<u>- 1413</u>	<u>- 1422</u>		
<u>Marmaton</u>	<u>3785</u>	<u>3789-</u>	<u>1460</u>		<u>- 1449</u>		
<u>Precambrian</u>	<u>3810</u>	<u>3814-</u>	<u>1485</u>	<u>- 1438</u>	<u>- 1463</u>		
<u>Total Depth</u>	<u>3830</u>	<u>3831-</u>	<u>1502</u>	<u>- 1474</u>	<u>- 1494</u>		

REFERENCE WELLS

- A Baird Oil Co., Esslinger Ranch, Inc #1-35, 1980' FNL + 330' FEL Sec. 35-35-22W
- B Baird Oil Co., Esslinger Ranch, Inc #2-35, 2310' FSL + 965' FEL Sec. 35-35-22W
- C
- D Part Collar @ 2031'

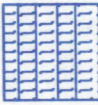

REMARKS

This well ran 1 foot to 12 feet lower on the lapsing top than the reference wells. After review of D.S.T. and open hole log data it was decided production casing should be cemented to further test the well. The following zones should be tested: 3789'-3792', 3739'-3741' and 3617'-3620'.


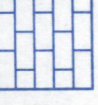
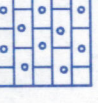


Richard B. Bell
9-3-11

7502

LEGEND

- Anhydrite

- Salt

- Sandstone

- Shale

- Carb sh

- Limestone

- Ool. Lime

- Chert

- Dolomite


DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



DEPTH

2000

20

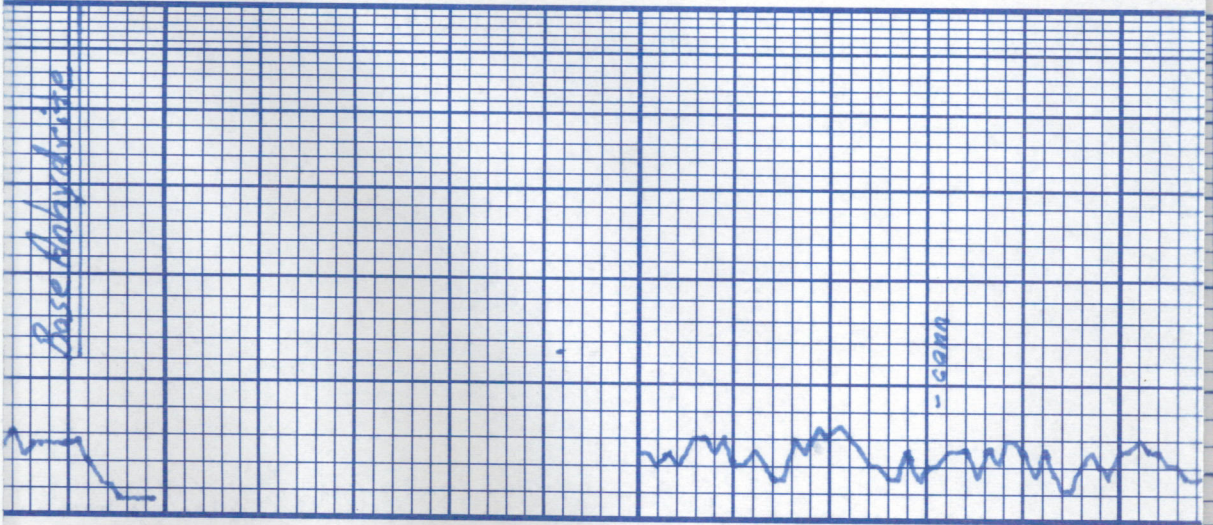
LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

LOG 7710



Base Anhydride

40

3200

20

40

LS: wh-to c.kp-fach-sli-fst
das MS₀

LS: to-grymtd fslf das

Samples are lagged
good samples

60

80

3300

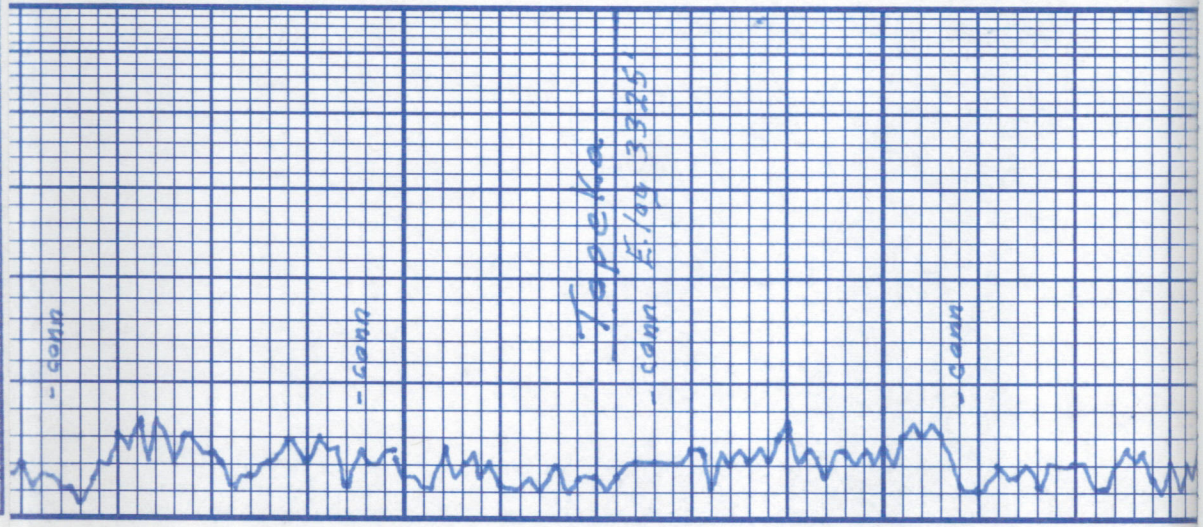
20

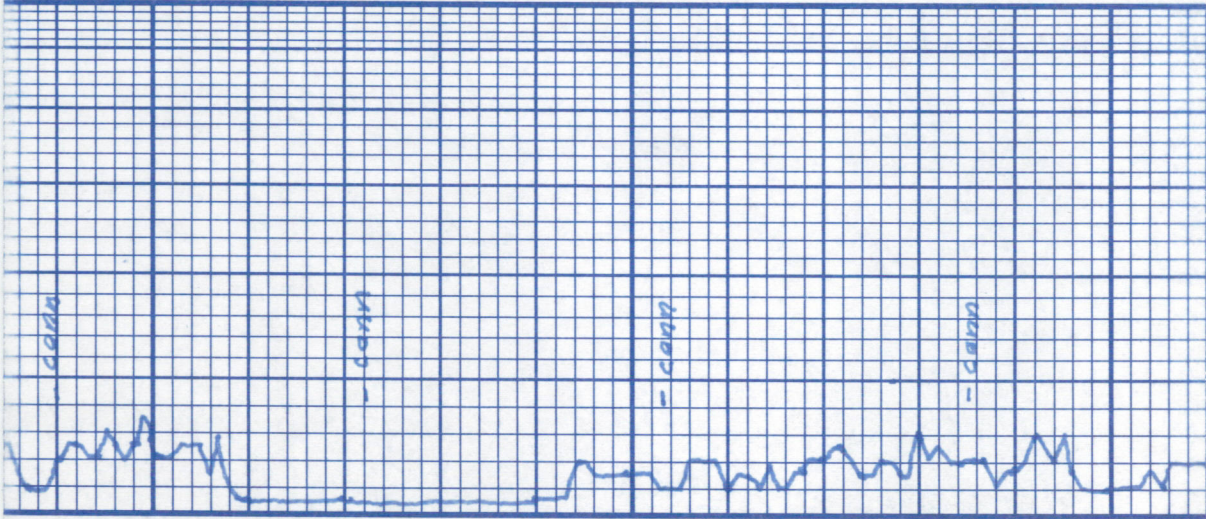
40

60

80

LS: wh. to cky-fxln Tr. glauc. SPKS Tr. pr. PP & N.S.O. a.a.	shigry slaty, brassy	LS: wh. to cky-fxln dms N.S.O.	LS: wh. to incr. cky-fxln Tr. sli. f. s. f. dms Tr. & wh. f. s. f.	Sh: gry, Tr. brn	LS: wh. to cky-fxln dms Tr. sli. f. s. f. dms. N.S.O.	LS: wh. brn cky-fxln Tr. pr. PP & N.S.O.	LS: wh. to sli: cky-fxln sli. oöl Pr. PP & N.S.O.	Sh: gry, brn slatstone: wh. gry	LS: wh. to sli: cky-fxln sli: oöl PP & N.S.O.	LS: aa. incr. cky
--	----------------------	-----------------------------------	--	------------------	--	---	--	------------------------------------	--	-------------------





3400

20

40

60

80

3500

LS: wh. tn. lt. gry cky. fxlh
Tr. oil mostly dras.

aaa

Shibrn gry
sltstone: gry

Shibrn slty
sltstone: gry

LS: wh. tn. cky. fxlh oil
A: able pp & N.S.O.

Shibrn, gry

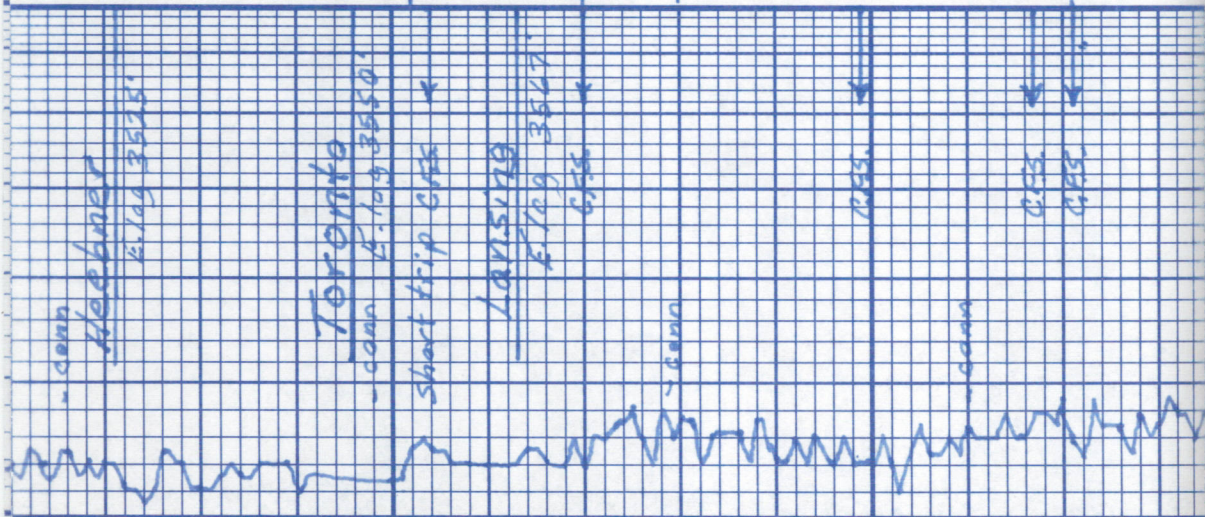
LS: wh. tn. cky. fxlh oil pp &
N.S.O.

Sh: blk Carb.

LS: tn. fxlh dras

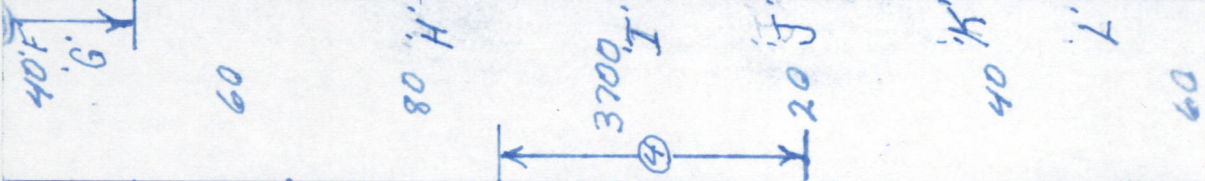
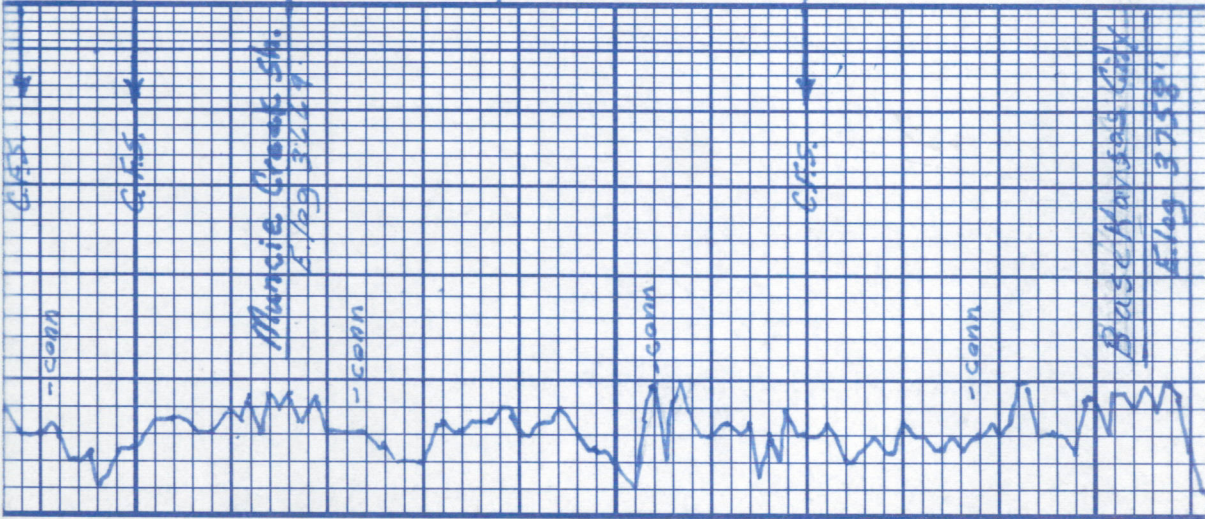
LS: wh. tn. cky. fxlh oil pp &
N.S.O.

LS: wh. tn. v. cky. fxlh oil
pp & N.S.O.



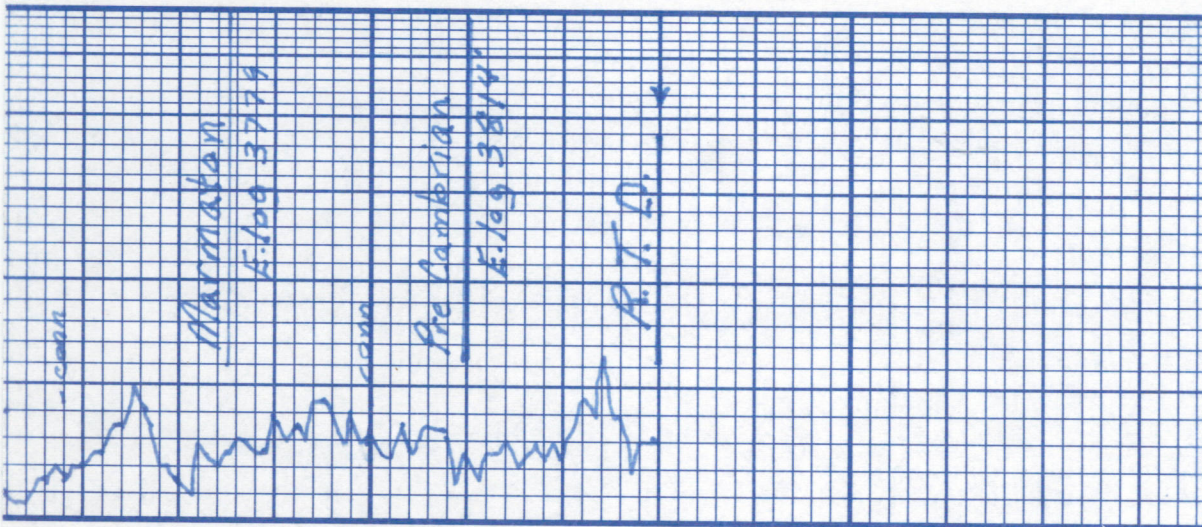
20	LS: tn. gry f. In dns N.S.O
40	sh: blk Carb. LS: tn-gry sli. mtd fslf dns sh: brn sly, gry sty
60	LS: wh-tn sky-feln oöl stn-or sh: brn, gry LS: wh-tn cky-feln oöl pp kt. fr. sptd. O. Stn Fr. pp f. o. fr. gd. odor
80	LS: wh-tn feln dns. N.S.O sh: gry, brn shly: brn
3600	LS: wh-tn cky-feln dns N.S.O. Δ tn, brn, wk sh: brn sty LS: wh-tn feln oöl pp φ Vgy φ drk o. sat, rainbow S.O. pp f. o. fr. odor Δ tn gry
20	LS: wh-tn. kt. brn, kt. gry cky-feln dns N.S.O. sh: brn, gry, grn

Strap 3580.45
 Board 3580.32
 .13
 Incline @ 3570' 1°
 Trilobite Testing
 DST #1 3552-3570'
 45-45-30-45
 IF: wk blow incr to 1/4"
 FF: No blow
 Recovery: 155' Total
 62' MW % osum 80% W
 20% M
 62' MW % osum 90% W
 10% M
 31' W % oil sum 100% W
 HYD: 1758-1731#
 FP: 16-53/61-73#
 BHP: 772-743#
 BH Temp: 98°F.
 Chlorides: 30,000ppm
 DST #2 3580-3621'
 45-45-45-45
 IF: wk blow incr to 2"
 FF: wk blow incr to 1 1/2"
 Recovery: 155' Total
 62' MW 70% O, 30% M



LS: wh-tn cky-fxln oöl fr. odor	LS: wh-tn cky-fxln oöl scat. Lt. Sp. d. Ostr	PPF.O. fr. odor	LS: wh-tn cky-fxln dns N.S. Dty wh. Lt. gry	Sh: blk Carb LS: gry mtid fsl f. ds	Sh: brn, gry	LS: wh-tn cky-fxln dns N.S. A drk gry-lt. gry	LS: wh-tn cky-fxln Tr. sub. oöl dns N.S.O.	Sh: brn, gry	LS: wh-tn cky-fxln dns N.S.O.	Sh: brn, gry	LS: wh-tn cky-fxln oöl fr. P.P.P. Ostr No odor	LS: wh-tn cky-fxln dns Sh: brn, gry	LS: wh-tn cky-fxln oöl pr. PPF scat sp. d. Ostr	PPF.O. No odor	Sh: brn, gry	LS: wh-tn cky-fxln dns N.S.O.
------------------------------------	---	-----------------	--	--	--------------	--	---	--------------	----------------------------------	--------------	--	--	--	----------------	--------------	----------------------------------

22 MO. 90% O, 10% M
 31 G.M.O. 15% G, 80% O,
 Hyd: 1766-1732#
 F.P.: 15-38/46-52#
 BHP: 473-415#
 BH Temp: 97°F
 Gravity: 23° A.P.I.
 DST #3 3619-3650
 45-45-45-45
 IF: wk blow incr. to 7"
 FF: wk blow incr. to 4"
 Recovery: 217' Total
 2' F.O.
 29' MW w/ 15 cum 90% W
 10% M
 124' MW w/ 10 cum 95% W
 5% M
 62' MW w/ 10 cum 70% W
 Hyd: 1792-1766#
 90% M
 F.P.: 14-90/93-126#
 BHP: 982-960#
 BH Temp: 99°F
 Chlorides: 35,000 ppm
 DST #4 3688-3720
 Opened tool, good
 surge, No blow
 Pulled tool.
 Recovery: 2' Mud
 No pressures recorded



80	Sh: brn LS: whtn fxb dns N.S.O.
3800	Sh: brn LS: wh. tn. cky. f. ch. ööl p.p. f. a. f. t. odor LS: aa. - inc. cky. decr. D. Sh.
20	Sh: brn LS: wh. tn. sli. cky. f. ch. ööl p.p. f. a. f. t. odor No odor a wh. ye. Cp. p. cs. ang Qtz w/ biotite spks Quartz, biotite, feldspar Mica schist, hornblend N.S.O.
40	

